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Ohio
Labor
Market
Information

Labor Market Review

1989 Annual Averages

In This Publication. To reflect changes in the Standard Industrial Classification system, all nonagricultural wage and salary employment statistics for Ohio and its thirteen metropolitan areas have been revised back through 1979. Annual averages, by industry, for the years 1979-1989 and monthly data for 1988 and 1989 are reported in this publication. Hours and earnings data have been revised for 1988 and 1989 for Ohio and the eight largest metropolitan areas. Hours and earnings data for the five minor metropolitan areas are not available for years prior to 1989. (For effects of the 1987 SIC revision on statewide employment data, see pages 5 and 6.)

Summary. Ohio nonagricultural wage and salary payrolls gained nearly 117,000 jobs in 1989, a growth rate of 2.5 percent over the year. Growth in employment has been very steady over the last six years, the rates ranging from a high 4.1 percent in 1984 to a low 2.3 percent in 1986. An increase of 724,600 jobs during that six-year period followed a four-year decline from 1979 through 1983 affecting 392,200 jobs. The decline during the last recession was concentrated in manufacturing, especially in durable goods. Significant losses were also reported in construction, transportation and public utilities, and retail trade. The most important increases during the 1983-1989 period occurred in services and retail trade. Employment levels also rose in construction, manufacturing, government, finance, insurance, and real estate, wholesale trade, and transportation and public utilities. Employment in the mining division continued to decline during this period. Over the ten-year period, only manufacturing, transportation and public utilities, and mining failed to recover fully. All other divisions were above their 1979 employment levels. (See table, page 22.)

During the current year, 1989, 116,500 jobs were added to Ohio nonagricultural wage and salary employment payrolls. Increases in service-producing industries accounted for 83.9 percent of the

Ohio Employment Changes, 1988-1989

Industry	1989 Employment (in thousands)	Employment Change 1988-1989	Percent Change 1988-1989
Total	4,817.2	116.5	2.5
Goods-Producing Industries	1,333.9	18.7	1.4
Mining	17.8	-1.1	-5.6
Construction	193.1	7.5	4.0
Manufacturing	1,123.0	12.3	1.1
Durable Goods	753.2	5.9	.8
Nondurable Goods	369.8	6.4	1.8
Service-Producing Industries	3,483.3	97.8	2.9
Transportation and Public Utilities	215.9	3.8	1.8
Wholesale Trade	264.0	7.6	3.0
Retail Trade	904.2	26.8	3.1
Finance, Insurance, and Real Estate	252.6	3.6	1.5
Services	1,140.8	44.0	4.0
Government	705.7	11.9	1.7

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Ellen O'Brien Saunders, Administrator

improvement. Forty-four thousand jobs were added in services; 26,800 in retail trade. Payroll employment was also augmented in government, wholesale trade, transportation and public utilities, and finance, insurance, and real estate. Among goods-producing industries, most of the increase was reported in manufacturing, up 12,300 jobs over the year; construction rose 7,500. Employment in mining declined 1,100.

Total Employment. According to the household survey conducted by the U.S. Bureau of the Census, annual average total employment in Ohio increased 116,000 or 2.3 percent over the year to 5,118,000 in 1989. U.S. employment advanced 2.1 percent in 1989.

Civilian Labor Force Estimates for Ohio and the U.S.
(Employed and Unemployed in Thousands)

Ohio				Year	United States			
Civilian Labor Force					Civilian Labor Force			
	Employment					Employment		
		Unemployment					Unemployment	
		Total	Rate				Total	Rate
5,059	4,760	299	5.9	1979	104,962	98,824	6,137	5.8
5,089	4,663	426	8.4	1980	106,940	99,303	7,637	7.1
5,100	4,608	492	9.6	1981	108,670	100,397	8,273	7.6
5,114	4,474	640	12.5	1982	110,204	99,526	10,678	9.7
5,099	4,478	621	12.2	1983	111,550	100,834	10,717	9.6
5,089	4,609	480	9.4	1984	113,544	105,005	8,539	7.5
5,135	4,680	455	8.9	1985	115,461	107,150	8,312	7.2
5,232	4,806	425	8.1	1986	117,834	109,597	8,237	7.0
5,253	4,886	367	7.0	1987	119,865	112,440	7,425	6.2
5,322	5,002	320	6.0	1988	121,669	114,968	6,701	5.5
5,419	5,118	300	5.5	1989	123,869	117,342	6,528	5.3

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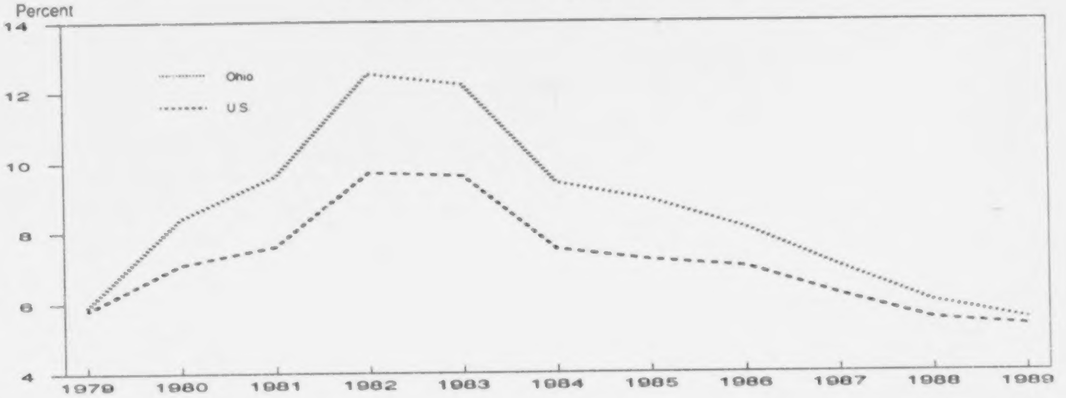
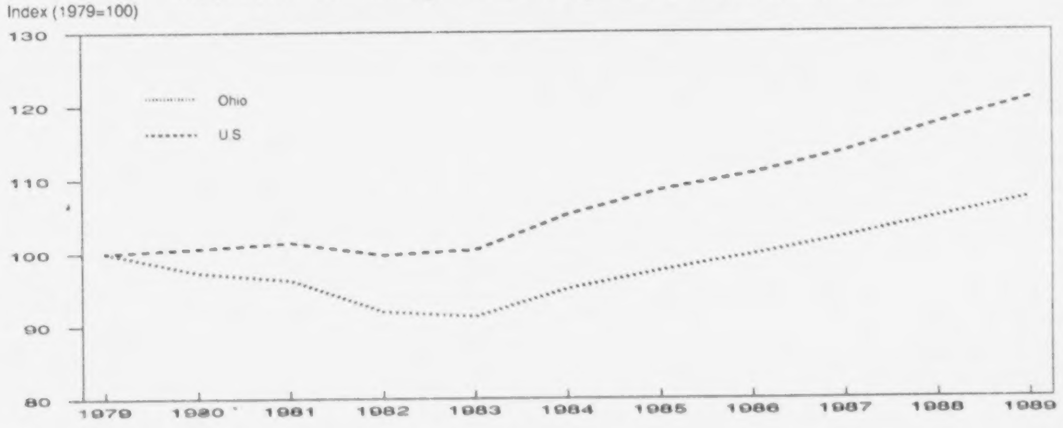
Unemployment. The number of people unemployed in the State averaged 300,000 in 1989, down 20,000 from 1988. The unemployment rate, at 5.5 percent, was at its lowest level since 1978. The U.S. rate declined from 5.5 percent in 1988 to 5.3 percent in 1989.

Ohio and U.S. Unemployment Rates



Nonagricultural Wage and Salary Employment. Nonfarm payroll employment averaged 4,817,200 in 1989, 116,500 jobs or 2.5 percent above the level for 1988. Expansion in service-producing industries accounted for 83.9 percent of the change. Improvements were greatest in services, especially business and health services, and in retail trade, particularly eating and drinking places, general merchandise stores, and miscellaneous retail stores. Employment levels also increased in goods-producing industries, except mining. Manufacturing employment rose 12,300 over the year, to 1,123,000, with noteworthy increases in industrial machinery and equipment and in rubber and miscellaneous plastics products. Construction jobs expanded 7,500 over the year.

Indexes of Total Nonagricultural Wage and Salary Employment



Growth Industries. In 1989, Ohio's most rapidly growing industries included apparel and accessory stores at a rate of 8.0 percent, business services at 7.3 percent, and special trade contractors at 5.7 percent. (See table, page 4.) Social services, general merchandise stores, engineering and management services, miscellaneous retail trade, furniture and home furnishings stores, legal services, hotels and other lodging places, personal services, and real estate also contributed significantly to the growth in the number of jobs in Ohio in 1989.

Employment Gains and Losses
Ohio and U.S., 1988-1989

Industry	1989 Ohio Employment (in thous.)	1988-1989 Percent Change Ohio	1988-1989 Percent Change U.S.*
Most Rapidly Growing Industries			
Apparel and Accessory Stores	48.4	8.0	7.6
Business Services	203.5	7.3	INA
Special Trade Contractors	123.2	5.7	INA
Social Services	72.5	4.7	9.4
General Merchandise Stores	125.4	4.6	-2.2
Engineering and Management Services	85.4	4.6	INA
Miscellaneous Retail	115.0	4.3	INA
Furniture and Homefurnishings Stores	31.8	4.2	-1.7
Legal Services	28.5	3.9	8.4
Hotels and Other Lodging Places	38.2	3.7	.9
Personal Services	53.7	3.7	INA
Real Estate	42.0	3.5	4.6
Declining Industries			
Oil and Gas Extraction	5.7	-11.0	-3.3
Coal Mining	7.3	- 5.6	-8.3
Educational Services	61.0	-.9	9.2
Stone, Clay, and Glass Products	45.7	-.8	INA
Transportation Equipment	141.8	-.7	INA
Electronic and Other Electric Equipment	79.5	-.6	INA
Total, All Industries	4,817.2	2.5	2.4
Goods-Producing Industries	1,333.9	1.4	.3
Service-Producing Industries	3,483.3	2.9	3.1

* U.S. data based on 1972 SIC.
INA = Information not available

Declining Industries. Oil and gas extraction and coal mining lead the list of declining industries in the State. Smaller declines were reported in educational services, stone, clay, and glass products, transportation equipment, and electronic and other electric equipment.

Conclusion. The Ohio economy continued to expand in 1989. Most jobs were created in services and retail trade, but important increases were also reported in manufacturing, both durable and nondurable goods; government, especially local schools; wholesale trade; and construction. Total employment rose to a record high in 1989 and the unemployment rate dropped to its lowest level since 1978.

Effects of 1987 SIC Revison

Ohio Nonagricultural Wage and Salary statistics are affected by these important changes:

- The U.S. Office of Budget and Management has revised the *Standard Industrial Classification Manual* to better reflect industry composition in the economy.
- Methodologies have been changed to provide more estimates for service-producing industries but fewer for manufacturing.

Effects of SIC Code Changes:

- At the division level, two minor changes occurred. Wholesale trade, retail trade, finance, insurance, and real estate, and services were affected. Firms were recoded from miscellaneous retail trade, specifically those engaged in the sale of used motor vehicle parts, to wholesale trade-durable goods. Firms were also recoded from Major Group 66, combinations of real estate, insurance, loans, and law offices in Finance, Insurance, and Real Estate, to Major Group 81, Legal Services, in the Services Division.
- At the two-digit classification level, twenty-six industries in Ohio were affected. The greatest changes resulted from the creation of one new industry and the redefinition of another. SIC 87, Engineering and Management Services, was created from part of SIC 89, Miscellaneous Services, and part of SIC 73, Business Services. January 1990 employment in this new industry is 85,500. There were other shifts of smaller magnitude within Services.
- In the Banking industry, SIC 60 was redefined to include savings and loan institutions, formerly SIC 61, in addition to full-service banks. This two-digit SIC industry has a new title, Depository Institutions, and is nearly 40 percent larger than the old SIC 60.
- In Manufacturing, the greatest change due to SIC recoding was a reduction in SIC 36, renamed Electronic and Other Electric Equipment. The receiving industry, SIC 35, was renamed Industrial Machinery and Equipment.

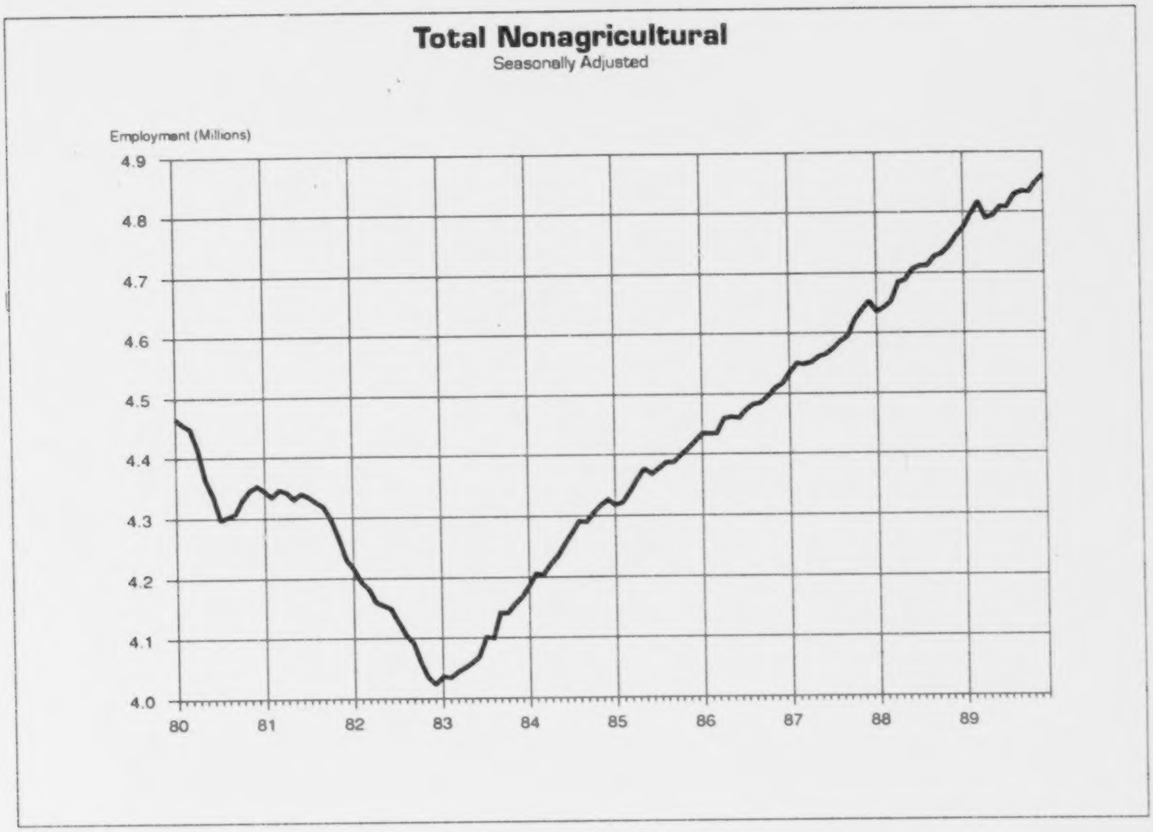
Significant two-digit SIC changes in employment due to recoding are reported in the table on the next page.

Effects of Changes in Methodology:

- Historic series have been recalculated through 1979 to minimize the impact of changes on data users. Published detail has been greatly expanded, especially in the retail trade and services sectors. More detail is also available in construction, transportation and public utilities, finance, insurance, and real estate, and government. The number of published lines in the manufacturing sector has been reduced.

Net Effects of 1987 SIC Revision

Industry	SIC	Net March 1988 Employment Change From1972 SIC	SIC Origin / Destination
Construction	16	- 500	To 17
	17	+ 500	From 16
Manufacturing	24	+ 800	From 26, 34
	30	+ 1,800	From 32, 35; To 34
	32	- 1,900	To 30
	35	+ 4,900	From 36; To 30
	36	- 6,600	To 35, 38
	37	- 600	To 34
	38	+ 1,600	From 36
Wholesale Trade	50	+ 1,400	To 50
Retail Trade	59	- 1,400	To 50
Finance, Insurance, and Real Estate	60	+ 24,900	From 61
	61	- 24,900	To 60
Services	72	- 5,000	To 73, 79
	73	- 34,300	From 72; To 78, 87
	78	+ 3,800	From 73
	79	+ 4,000	From 72; To 84
	87	+ 79,500	From 73, 89
	89	- 48,000	To 87

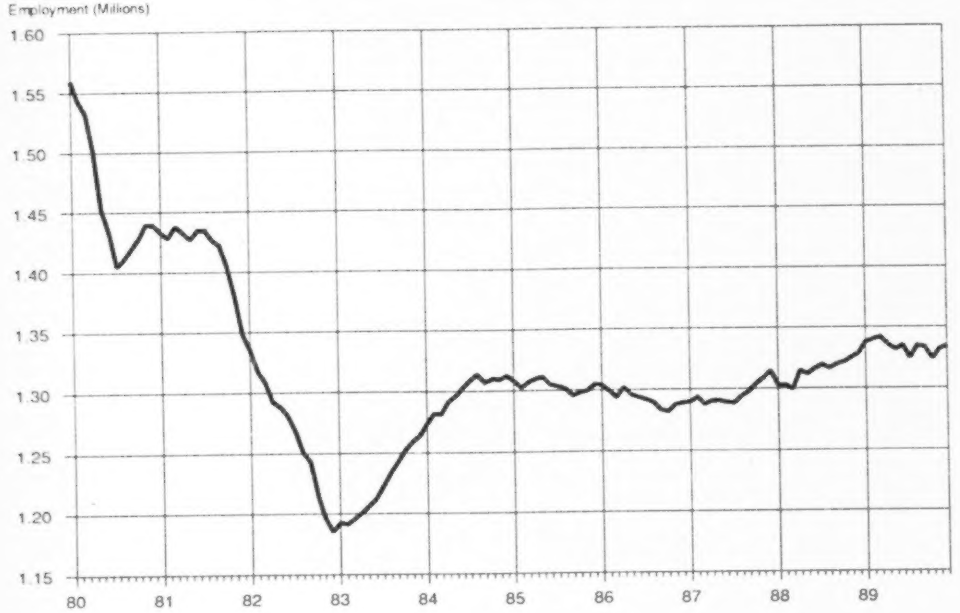


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Total Nonagricultural

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	4,466	4,456	4,449	4,413	4,364	4,337	4,297	4,303	4,307	4,331	4,346	4,353
1981	4,345	4,336	4,347	4,343	4,332	4,340	4,334	4,326	4,319	4,299	4,267	4,231
1982	4,216	4,194	4,182	4,160	4,155	4,149	4,127	4,106	4,091	4,059	4,036	4,023
1983	4,037	4,035	4,045	4,051	4,059	4,069	4,101	4,100	4,141	4,141	4,156	4,167
1984	4,185	4,205	4,204	4,222	4,236	4,254	4,271	4,292	4,291	4,306	4,319	4,326
1985	4,319	4,322	4,340	4,361	4,377	4,368	4,378	4,387	4,387	4,398	4,410	4,422
1986	4,435	4,435	4,434	4,459	4,462	4,460	4,474	4,484	4,485	4,495	4,509	4,518
1987	4,535	4,550	4,550	4,552	4,561	4,566	4,575	4,588	4,595	4,623	4,638	4,654
1988	4,636	4,643	4,652	4,684	4,689	4,707	4,713	4,713	4,727	4,732	4,745	4,761
1989	4,775	4,796	4,817	4,791	4,795	4,809	4,809	4,828	4,835	4,834	4,850	4,862



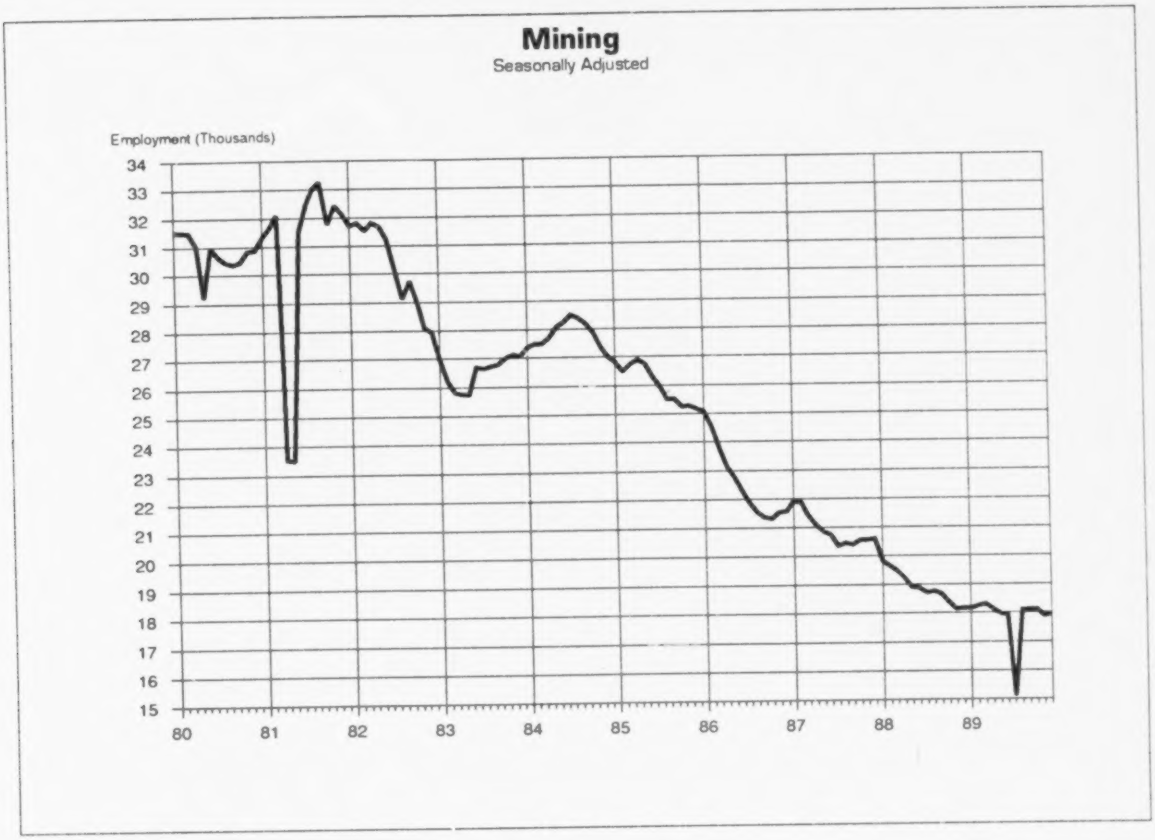
Goods-Producing Industries
Seasonally Adjusted

Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Goods-Producing Industries

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	1,560	1,543	1,532	1,499	1,453	1,433	1,405	1,411	1,420	1,427	1,439	1,439
1981	1,433	1,428	1,438	1,433	1,427	1,434	1,435	1,426	1,423	1,404	1,380	1,348
1982	1,336	1,318	1,308	1,293	1,288	1,281	1,268	1,252	1,243	1,215	1,197	1,185
1983	1,193	1,192	1,196	1,201	1,206	1,213	1,223	1,234	1,243	1,252	1,260	1,264
1984	1,273	1,282	1,282	1,292	1,296	1,303	1,309	1,314	1,307	1,310	1,310	1,313
1985	1,309	1,303	1,307	1,310	1,311	1,305	1,303	1,301	1,296	1,298	1,300	1,305
1986	1,304	1,299	1,294	1,302	1,296	1,294	1,292	1,290	1,283	1,282	1,288	1,289
1987	1,290	1,294	1,288	1,291	1,291	1,289	1,288	1,294	1,298	1,304	1,308	1,315
1988	1,303	1,303	1,300	1,314	1,312	1,316	1,319	1,317	1,320	1,322	1,325	1,329
1989	1,338	1,340	1,342	1,336	1,332	1,335	1,325	1,335	1,334	1,324	1,332	1,334

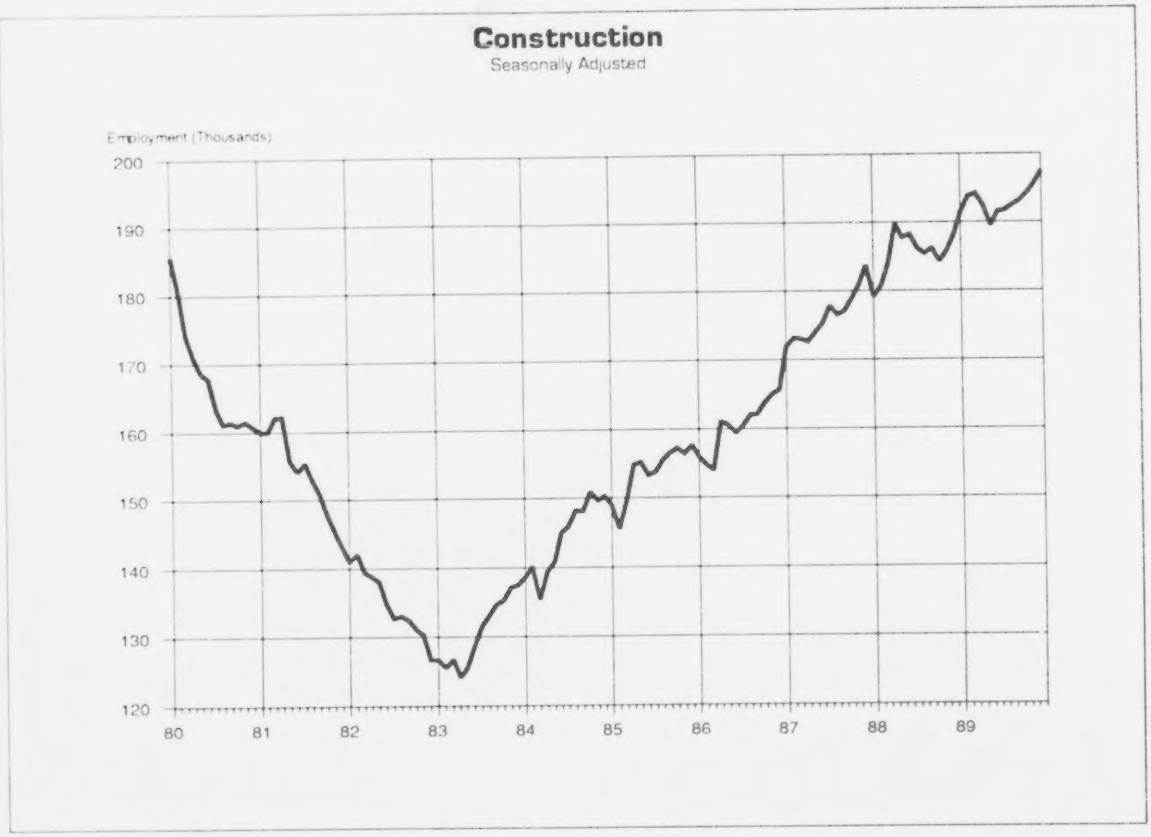


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Mining

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	32	32	32	31	29	31	31	30	30	30	31	31
1981	31	32	32	24	24	32	32	33	33	32	32	32
1982	32	32	32	32	32	31	30	29	30	29	28	28
1983	27	26	26	26	26	27	27	27	27	27	27	27
1984	27	27	27	28	28	28	28	28	28	28	27	27
1985	27	26	27	27	27	26	26	26	26	25	25	25
1986	25	25	24	23	23	22	22	22	21	21	22	22
1987	22	22	21	21	21	21	20	20	20	21	21	21
1988	20	20	19	19	19	19	19	19	19	18	18	18
1989	18	18	18	18	18	18	15	18	18	18	18	18



Construction

Seasonally Adjusted

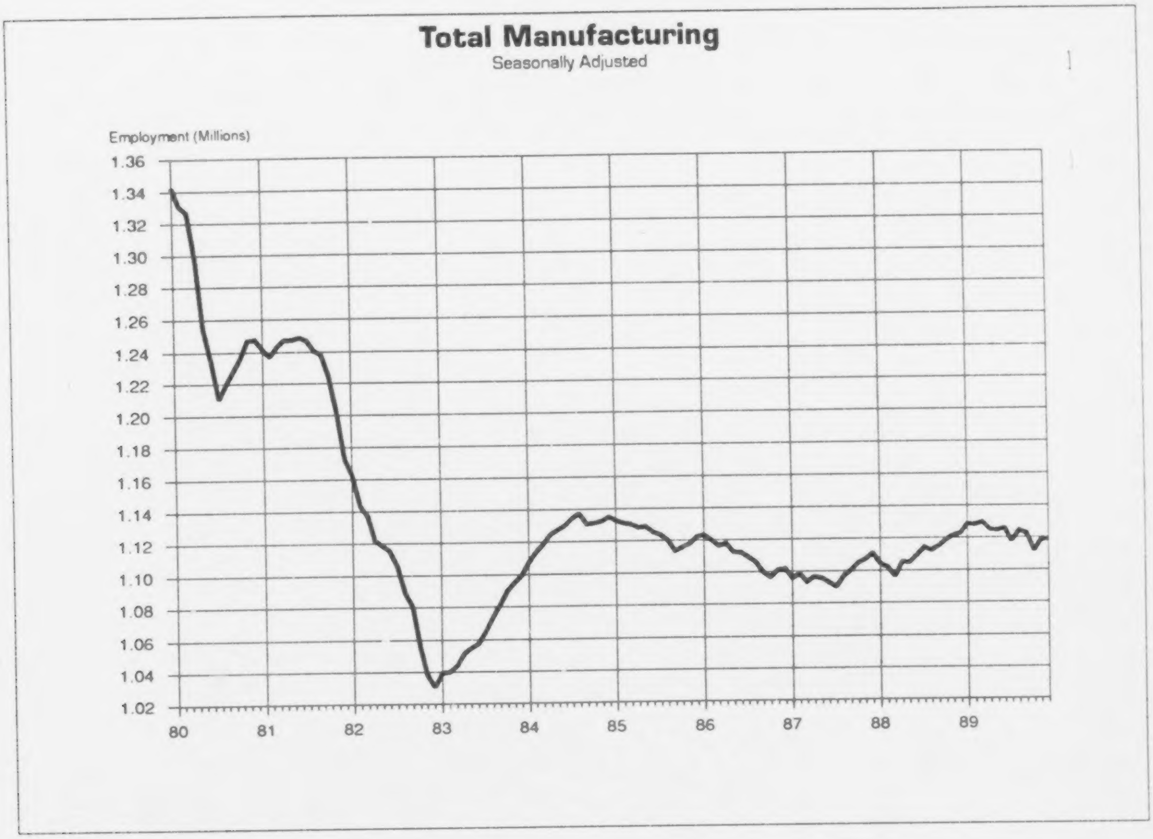
Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)

Seasonally Adjusted

Construction

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	186	181	174	171	169	168	163	161	161	161	162	161
1981	160	160	162	162	156	154	155	153	151	148	145	143
1982	141	142	139	139	138	135	133	133	132	131	130	127
1983	127	126	127	124	126	129	132	133	135	135	137	137
1984	139	140	135	139	141	145	146	148	148	151	150	150
1985	149	146	150	155	155	153	154	156	157	157	156	158
1986	156	155	154	161	161	159	160	162	162	164	165	166
1987	172	173	173	173	174	175	178	177	177	179	181	184
1988	179	181	184	190	188	188	186	186	186	184	186	188
1989	191	194	194	193	190	192	192	193	193	194	196	197



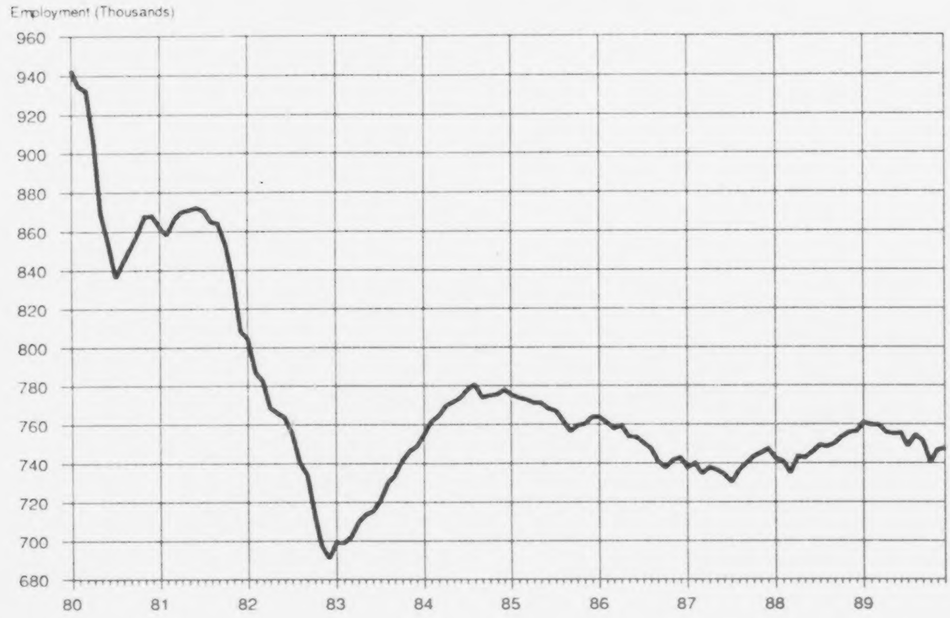
Ohio Nonagricultural Wage and Salary Employment: 1980-1989
(in thousands)
Seasonally Adjusted

Total Manufacturing

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	1,342	1,330	1,327	1,297	1,255	1,235	1,211	1,219	1,228	1,236	1,247	1,248
1981	1,242	1,237	1,244	1,247	1,247	1,249	1,247	1,240	1,238	1,225	1,202	1,173
1982	1,163	1,144	1,137	1,122	1,119	1,115	1,106	1,090	1,081	1,055	1,038	1,031
1983	1,039	1,040	1,044	1,051	1,055	1,058	1,065	1,074	1,082	1,090	1,095	1,099
1984	1,107	1,114	1,119	1,125	1,127	1,130	1,134	1,138	1,131	1,131	1,132	1,135
1985	1,133	1,131	1,130	1,128	1,129	1,125	1,124	1,120	1,114	1,116	1,118	1,122
1986	1,123	1,120	1,116	1,118	1,113	1,112	1,109	1,106	1,100	1,097	1,101	1,102
1987	1,096	1,099	1,094	1,097	1,096	1,093	1,090	1,097	1,100	1,105	1,107	1,111
1988	1,104	1,102	1,096	1,105	1,105	1,109	1,114	1,112	1,115	1,119	1,121	1,123
1989	1,128	1,128	1,130	1,125	1,125	1,126	1,118	1,124	1,122	1,112	1,119	1,119

Durable-Goods Manufacturing

Seasonally Adjusted

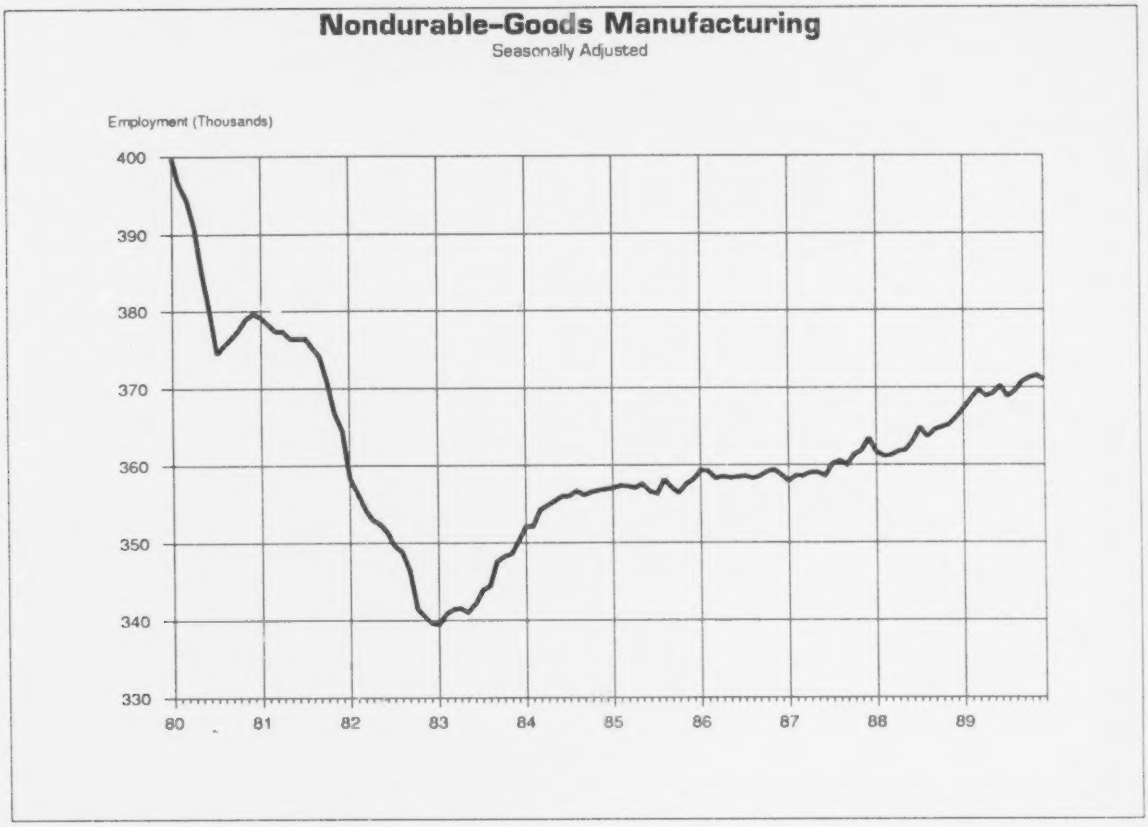


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Durable-Goods Manufacturing

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	943	934	932	906	869	854	836	844	851	858	868	868
1981	862	858	866	870	871	872	871	865	864	854	835	808
1982	805	787	783	769	766	764	756	741	734	713	698	691
1983	700	699	702	710	714	715	721	730	734	742	747	749
1984	755	762	764	770	772	774	778	781	774	775	776	778
1985	776	774	773	771	771	769	767	762	757	760	760	764
1986	764	761	758	759	754	754	751	748	741	738	742	743
1987	738	740	735	738	737	735	730	737	740	743	745	747
1988	743	741	735	744	743	746	750	749	750	754	756	757
1989	761	760	760	756	755	756	749	755	752	741	747	748

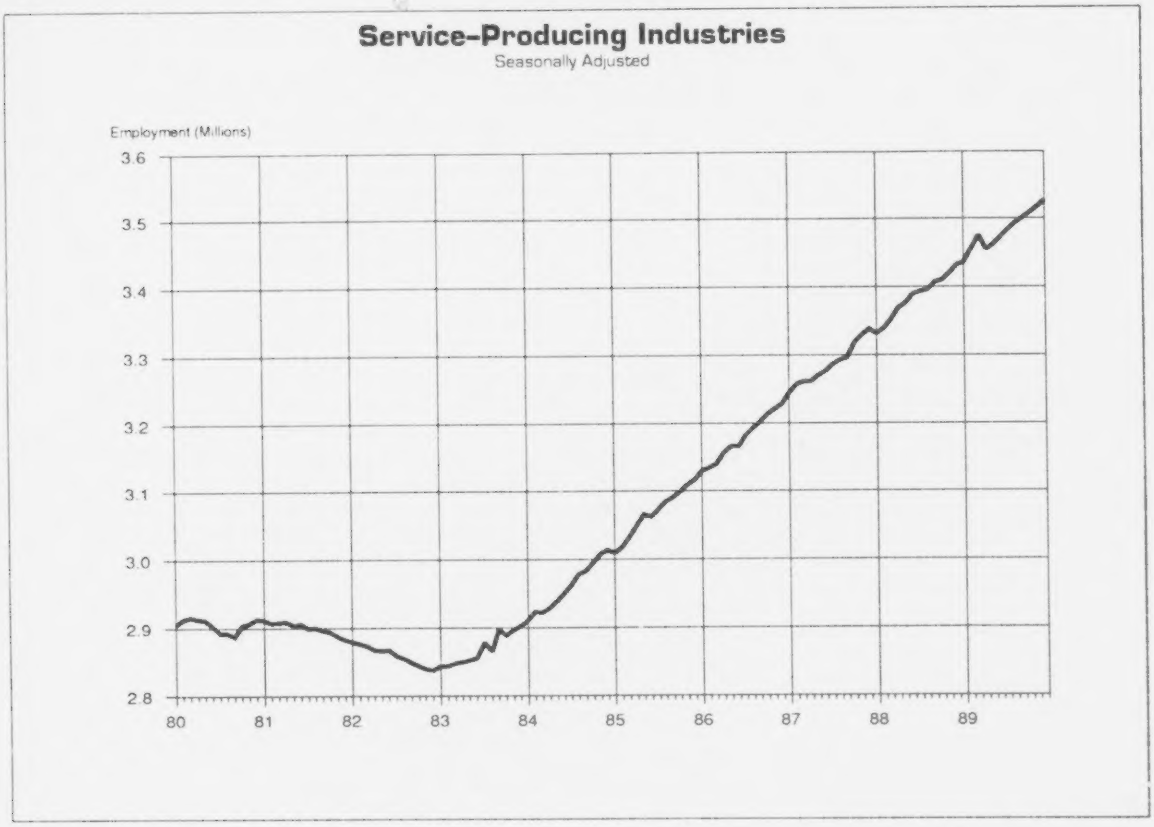


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Nondurable-Goods Manufacturing

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	400	396	394	391	385	380	375	376	376	378	379	380
1981	379	378	377	377	376	376	376	375	374	371	367	365
1982	358	356	354	353	353	352	350	349	346	341	341	340
1983	339	341	341	342	341	342	344	345	348	348	349	350
1984	352	352	354	355	355	356	356	357	356	357	357	357
1985	357	357	357	357	358	357	356	358	357	356	358	358
1986	359	359	358	359	358	358	359	358	359	359	359	359
1987	358	359	359	359	359	359	360	361	360	361	362	364
1988	362	361	361	362	362	363	365	364	365	365	365	366
1989	367	369	370	369	369	370	369	370	371	371	372	371

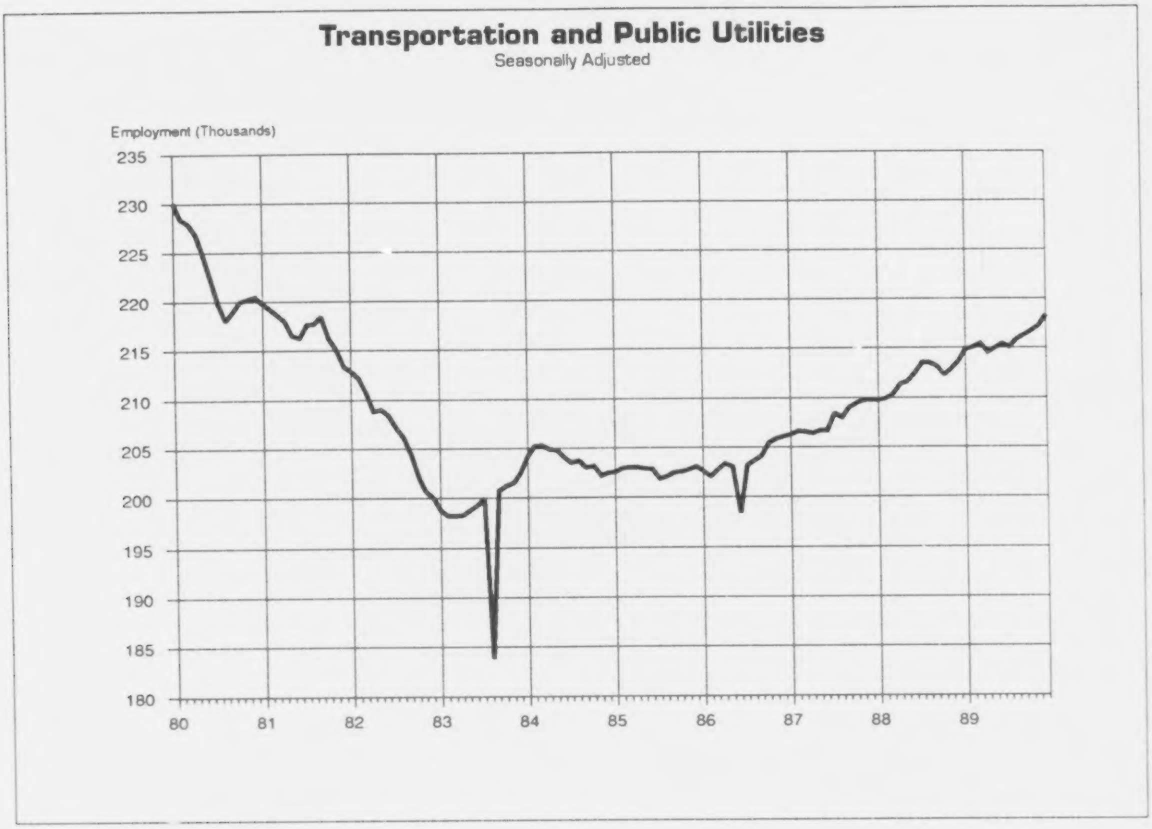


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Service-Producing Industries

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	2,906	2,913	2,917	2,914	2,912	2,904	2,893	2,892	2,888	2,903	2,906	2,914
1981	2,912	2,908	2,909	2,910	2,905	2,906	2,899	2,900	2,897	2,894	2,887	2,883
1982	2,880	2,876	2,873	2,867	2,866	2,868	2,859	2,855	2,849	2,844	2,839	2,838
1983	2,844	2,844	2,848	2,850	2,853	2,856	2,878	2,866	2,898	2,889	2,897	2,903
1984	2,911	2,924	2,923	2,930	2,940	2,951	2,963	2,978	2,984	2,996	3,009	3,014
1985	3,010	3,018	3,033	3,050	3,066	3,063	3,074	3,085	3,092	3,100	3,110	3,117
1986	3,130	3,135	3,140	3,157	3,166	3,167	3,182	3,194	3,202	3,213	3,221	3,229
1987	3,245	3,257	3,262	3,261	3,270	3,277	3,286	3,293	3,297	3,319	3,330	3,338
1988	3,332	3,341	3,353	3,370	3,377	3,390	3,393	3,396	3,407	3,410	3,419	3,432
1989	3,437	3,456	3,475	3,455	3,463	3,474	3,484	3,494	3,501	3,509	3,518	3,527



Ohio Nonagricultural Wage and Salary Employment: 1980-1989

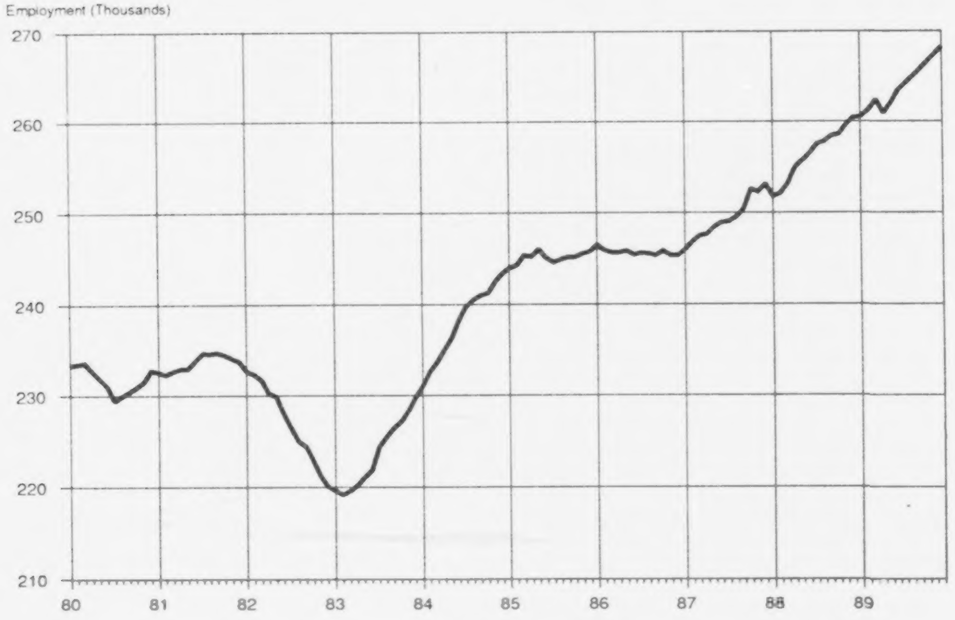
(in thousands)
Seasonally Adjusted

Transportation and Public Utilities

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	230	228	228	227	225	222	220	218	219	220	220	220
1981	220	219	219	218	217	216	218	218	218	216	215	213
1982	213	212	211	209	209	208	207	206	204	202	201	200
1983	199	198	198	198	199	199	200	184	201	201	202	203
1984	204	205	205	205	205	204	204	204	203	203	202	203
1985	203	203	203	203	203	203	202	202	202	203	203	203
1986	203	202	203	203	203	198	203	204	204	205	206	206
1987	206	207	207	206	207	207	208	208	209	209	210	210
1988	210	210	210	211	212	213	213	214	213	212	213	214
1989	215	215	215	215	215	215	215	216	216	217	217	218

Wholesale Trade

Seasonally Adjusted

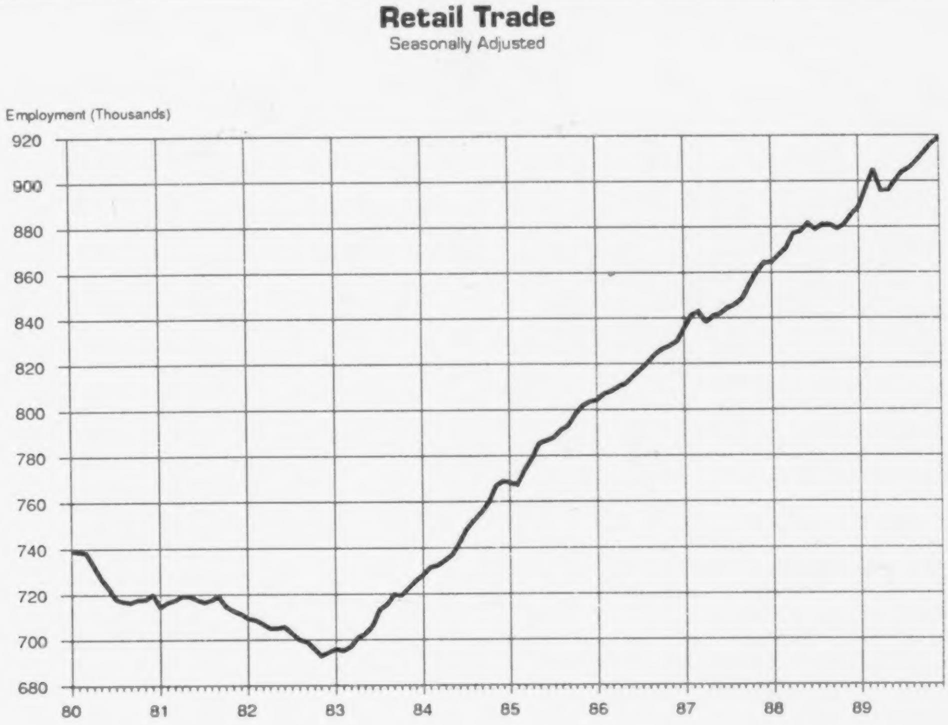


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Wholesale Trade

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	233	233	234	233	232	231	229	230	230	231	231	233
1981	233	232	233	233	233	234	235	235	235	234	234	234
1982	233	232	232	230	230	228	227	225	224	223	221	220
1983	220	219	220	220	221	222	224	226	226	227	228	230
1984	231	233	234	235	236	238	240	240	241	241	243	243
1985	244	244	245	245	246	245	245	245	245	245	246	246
1986	246	246	246	246	246	245	246	246	245	246	245	245
1987	246	247	248	248	248	249	249	250	250	253	252	253
1988	252	252	253	255	256	256	258	258	258	259	260	260
1989	261	261	262	261	262	263	264	265	266	267	267	268

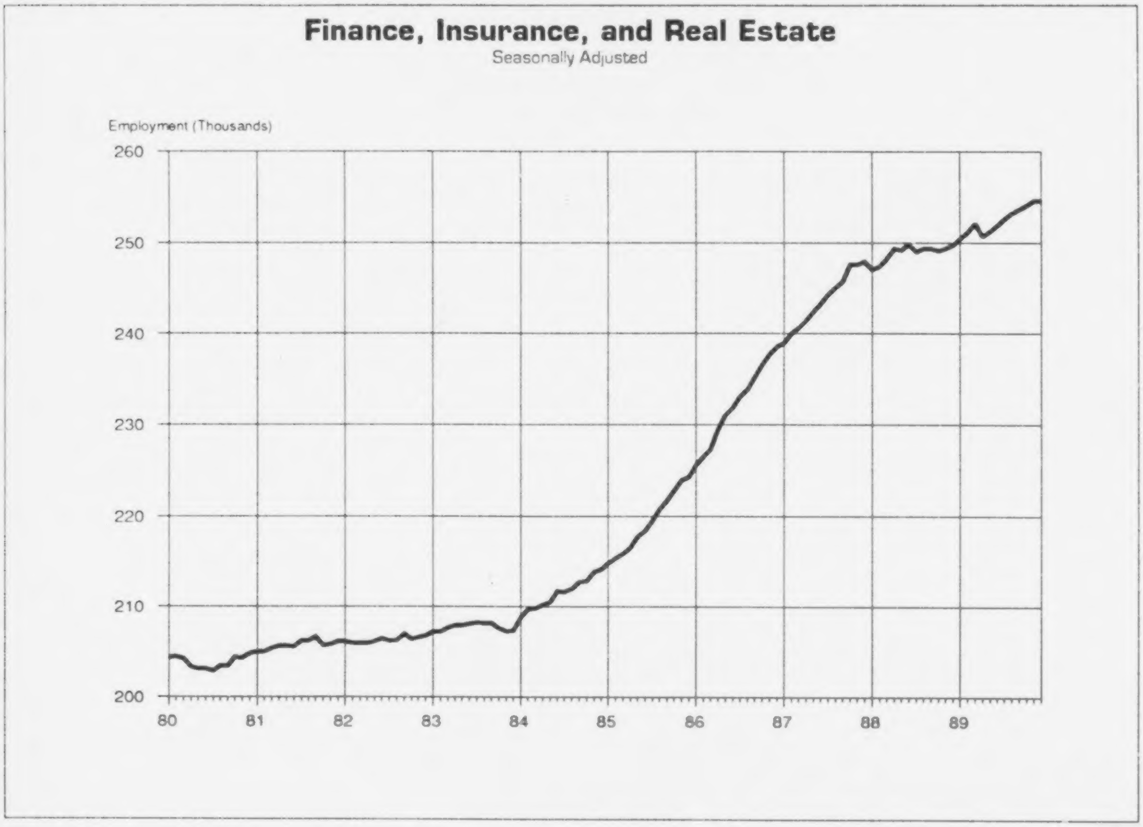


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Retail Trade

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	739	739	738	733	727	723	718	717	717	718	718	720
1981	715	717	718	719	720	718	717	718	719	715	713	712
1982	710	709	707	705	705	706	703	700	699	696	693	695
1983	696	695	697	701	702	706	713	716	720	720	723	726
1984	729	732	733	735	737	742	748	752	755	760	767	769
1985	768	767	774	779	785	787	788	791	793	798	802	803
1986	804	807	808	810	812	815	818	821	824	827	828	830
1987	836	841	843	838	841	842	845	846	849	855	860	864
1988	865	868	871	877	878	881	879	881	881	879	881	886
1989	889	897	905	896	896	900	904	906	909	913	916	919



Finance, Insurance, and Real Estate

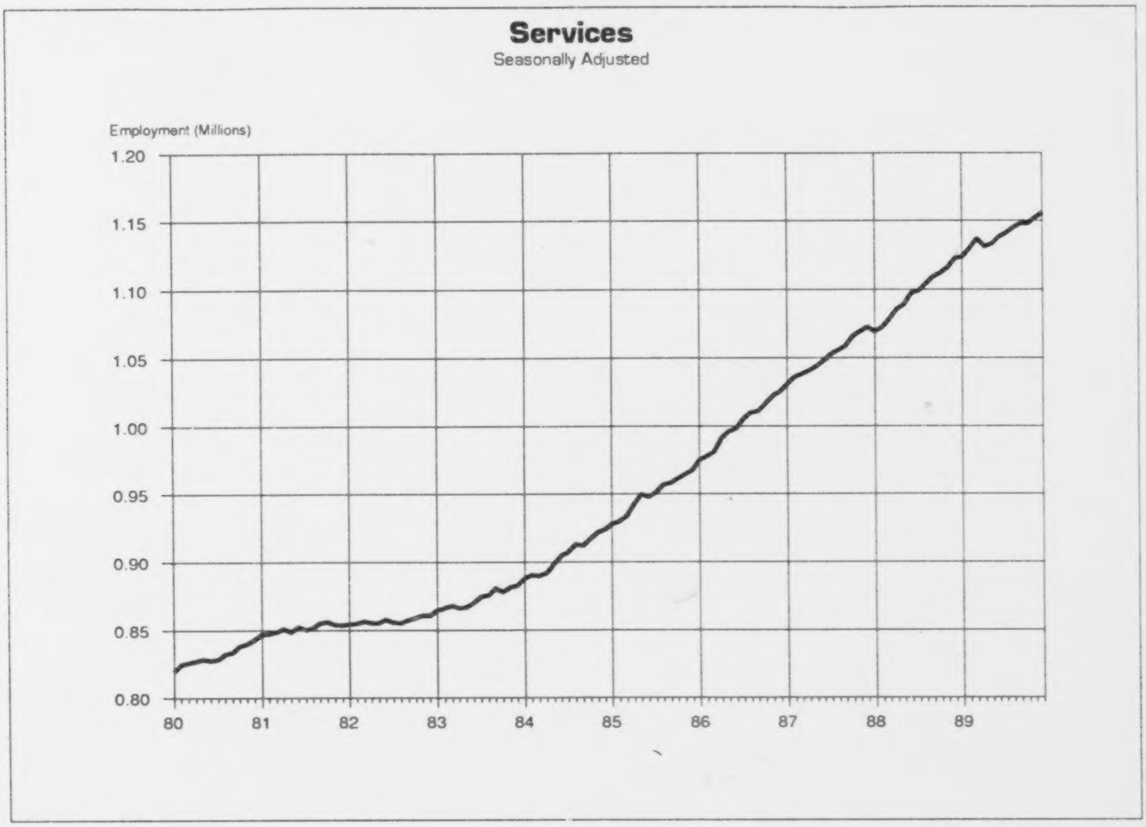
Seasonally Adjusted

Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Finance, Insurance, and Real Estate

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	204	204	204	203	203	203	203	203	203	204	204	205
1981	205	205	205	206	206	206	206	206	207	206	206	206
1982	206	206	206	206	206	207	206	206	207	206	207	207
1983	207	207	208	208	208	208	208	208	208	208	207	207
1984	209	210	210	210	211	212	212	212	213	213	214	214
1985	215	215	216	217	218	218	220	221	222	223	224	224
1986	226	227	227	229	231	232	233	234	235	237	238	239
1987	239	240	241	241	242	243	244	245	246	248	248	248
1988	247	247	248	249	249	250	249	249	249	249	249	250
1989	250	251	252	251	251	252	253	253	254	254	255	255

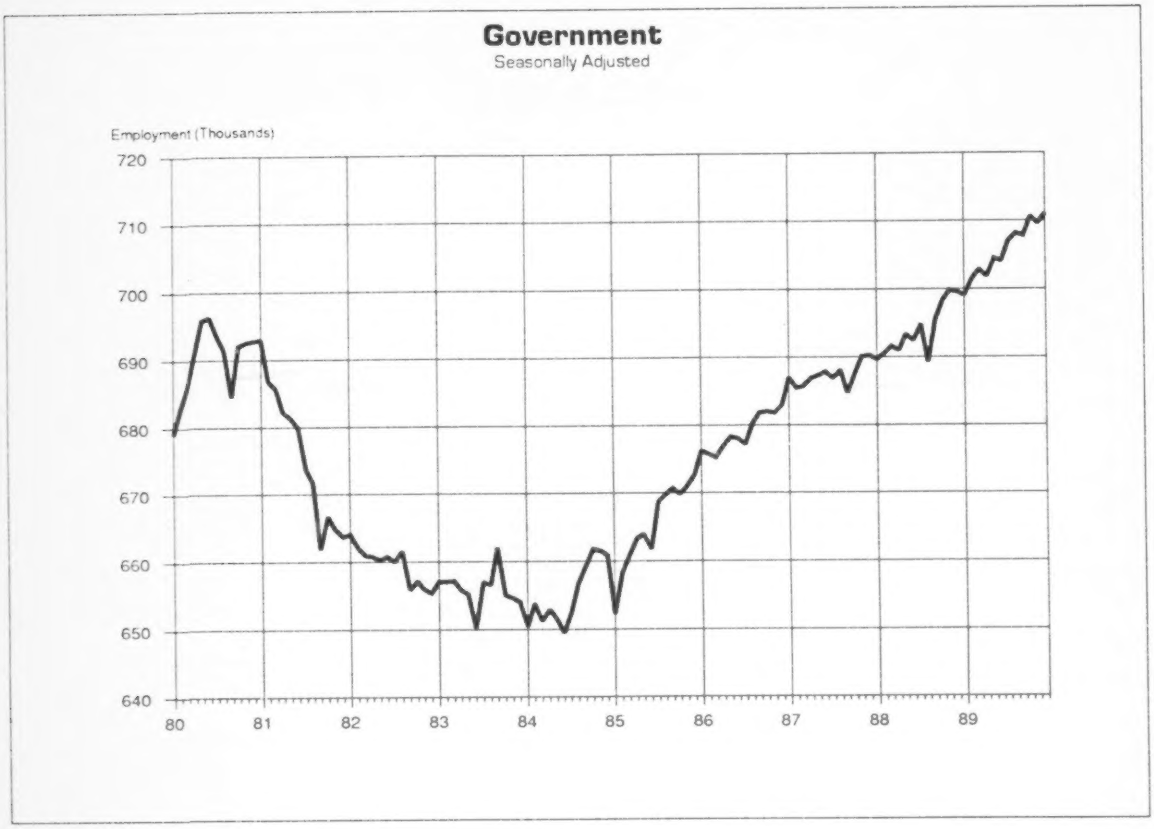


Ohio Nonagricultural Wage and Salary Employment: 1980-1989

(in thousands)
Seasonally Adjusted

Services

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	819	825	826	827	829	828	829	832	834	838	840	843
1981	847	847	849	851	849	853	851	852	856	856	854	854
1982	855	855	857	856	856	858	856	855	858	859	861	861
1983	865	866	868	866	867	870	875	876	881	878	882	883
1984	888	890	890	892	899	905	907	913	912	917	922	924
1985	928	930	934	943	950	948	951	957	959	962	965	968
1986	975	978	981	991	996	998	1,005	1,010	1,011	1,016	1,022	1,026
1987	1,031	1,036	1,038	1,041	1,044	1,048	1,053	1,056	1,059	1,067	1,069	1,073
1988	1,069	1,073	1,079	1,086	1,089	1,098	1,099	1,105	1,109	1,112	1,116	1,123
1989	1,124	1,130	1,137	1,131	1,133	1,138	1,141	1,145	1,148	1,148	1,152	1,156



Ohio Nonagricultural Wage and Salary Employment: 1980-1989

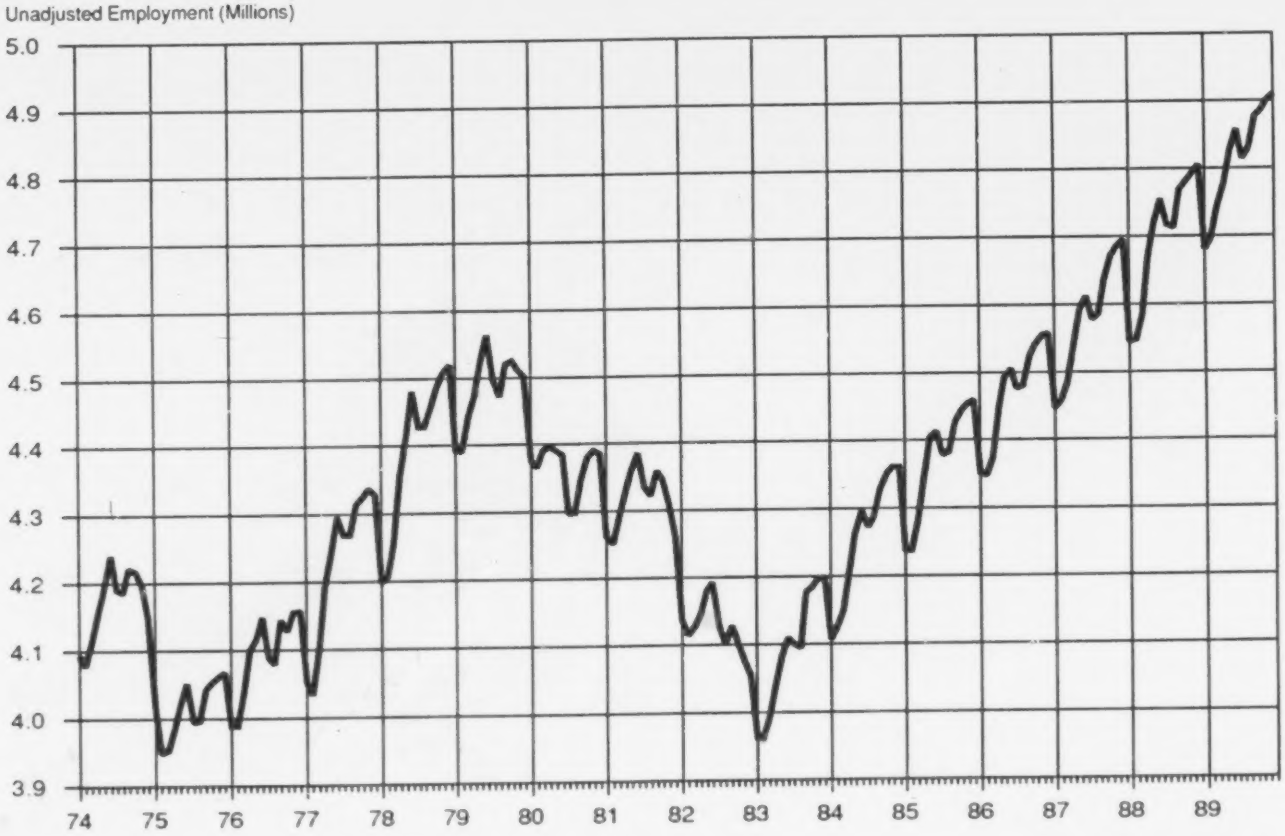
(in thousands)
Seasonally Adjusted

Government

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1980	679	683	686	691	696	696	694	691	685	692	693	693
1981	693	687	686	682	681	680	674	672	662	667	665	664
1982	664	662	661	661	660	661	660	662	656	657	656	655
1983	657	657	657	656	655	650	657	657	662	655	655	654
1984	650	654	651	653	651	650	652	657	659	662	662	661
1985	652	658	661	663	664	662	669	670	671	670	671	673
1986	676	676	675	677	678	678	677	680	682	682	682	683
1987	687	685	686	687	687	688	687	688	685	688	690	690
1988	690	691	692	691	693	692	695	689	696	698	700	700
1989	699	701	703	702	704	704	707	708	708	711	710	711

State of Ohio

Total Nonagricultural Employment



Nonagricultural Wage and Salary Employment in Ohio, By Industrial Division, Since 1939[a]

(in thousands)

Year	Nonagricultural Wage and Salary	Mining	Construction	Manufacturing	Transportation and Utilities	Wholesale and Retail Trade	Finance, Insurance, Real Estate	Services	Government
1939	1783.8	27.3	63.1	769.8	158.4	330.4	56.7	176.4	201.8
1940	1906.6	27.0	65.3	843.6	169.2	350.5	56.1	184.6	210.2
1941	2201.3	29.9	101.8	1039.4	186.8	370.9	60.4	192.6	219.4
1942	2411.3	32.2	99.3	1204.9	198.2	363.3	58.3	200.1	250.1
1943	2607.0	29.2	79.7	1390.1	204.7	360.3	56.0	201.6	285.4
1944	2558.0	27.9	59.3	1359.7	209.8	361.8	55.5	202.3	281.8
1945	2417.9	25.7	61.2	1218.2	207.1	358.9	56.9	209.8	280.1
1946	2532.1	27.6	101.6	1190.0	219.2	410.6	65.5	239.9	277.7
1947	2708.3	30.2	123.1	1269.3	227.6	457.3	69.2	259.5	272.1
1948	2785.5	31.1	134.6	1261.7	235.8	495.7	72.2	277.0	277.6
1949	2654.9	28.1	127.1	1142.2	217.5	503.7	73.6	274.8	287.8
1950	2760.0	27.9	134.1	1220.0	223.3	505.7	76.8	277.3	294.8
1951	2953.4	26.3	158.8	1339.5	236.6	523.8	79.4	283.0	306.0
1952	3005.7	24.4	161.4	1357.3	235.0	537.4	85.4	291.5	313.2
1953	3150.3	23.0	166.5	1446.9	240.1	557.2	89.3	303.1	324.3
1954	3028.4	20.7	184.0	1314.0	221.3	555.9	92.6	307.8	332.1
1955	3128.9	21.0	183.4	1370.6	223.8	571.2	96.3	318.5	344.1
1956	3219.7	22.1	184.8	1393.7	228.9	598.0	100.6	335.0	356.7
1957	3230.6	22.0	183.3	1370.9	226.4	609.4	104.9	346.9	366.9
1958	3007.2	20.1	162.8	1198.3	207.6	586.6	107.9	344.6	379.4
1959	3112.5	20.0	161.4	1264.5	208.5	603.3	111.8	356.2	386.7
1960	3147.3	19.9	152.2	1264.8	208.7	619.2	116.2	367.2	399.2
1961	3044.3	18.9	142.1	1183.2	198.5	601.3	119.2	368.7	412.5
1962	3099.2	18.8	137.9	1218.2	198.1	605.2	120.5	376.4	424.2
1963	3145.2	18.4	137.1	1236.6	197.1	611.3	122.6	390.3	431.7
1964	3216.3	19.6	141.3	1259.1	197.8	624.0	124.9	409.3	440.3
1965	3364.3	18.8	152.0	1326.0	202.3	647.6	127.0	432.1	458.6
1966	3537.3	18.4	162.0	1404.4	207.5	675.2	129.6	457.1	483.0
1967	3619.8	18.9	163.8	1401.4	209.0	697.3	135.3	484.6	509.5
1968	3750.8	18.9	175.5	1433.5	214.4	727.0	141.0	512.2	528.3
1969	3887.3	19.6	184.8	1471.0	221.0	759.0	146.0	541.2	544.8
1970	3880.7	20.6	164.2	1409.9	225.0	773.2	154.2	568.1	565.5
1971	3839.6	20.8	155.2	1333.8	223.8	782.8	158.6	587.4	577.2
1972	3938.4	22.7	165.1	1346.8	222.9	816.3	163.8	611.7	589.1
1973	4112.9	22.9	175.5	1426.3	224.9	852.6	169.0	643.9	597.8
1974	4169.4	24.2	172.3	1416.6	227.8	873.8	171.9	669.7	613.1
1975	4016.2	26.8	154.9	1267.5	213.2	868.0	173.1	686.3	626.4
1976	4094.6	28.2	154.2	1295.3	213.7	890.8	177.0	703.2	632.2
1977	4230.1	29.1	162.8	1344.1	219.1	917.8	183.4	731.4	642.3
1978	4394.9	29.0	176.6	1377.2	225.0	956.4	191.1	772.1	667.5
1979	4484.8	31.6	182.9	1382.3	232.1	975.2	200.6	806.2	674.0
1980	4367.4	30.7	167.4	1264.3	223.1	957.2	203.8	830.9	689.9
1981	4317.7	30.7	153.7	1232.6	217.2	950.1	205.8	851.6	676.0
1982	4124.3	30.3	134.6	1099.9	206.8	929.3	206.4	857.3	659.6
1983	4092.5	26.6	130.8	1066.0	198.5	933.5	207.8	873.3	656.1
1984	4260.2	27.8	144.8	1127.0	203.9	984.7	211.5	905.2	655.2
1985	4372.9	26.1	154.0	1124.2	202.7	1031.7	219.3	949.5	665.2
1986	4471.4	22.6	160.7	1109.8	203.4	1062.8	232.3	1001.0	678.9
1987	4582.6	20.9	176.4	1098.9	207.8	1096.3	243.8	1051.2	687.3
1988	4700.6	18.9	185.6	1110.6	212.1	1133.8	249.0	1096.8	693.8
1989[b]	4817.2	17.8	193.1	1123.0	215.9	1168.3	252.6	1140.8	705.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics.

[b] Preliminary.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus, OH 43216 (5-7-90) RS 790.1-2
(March 1989 BM)

Proportion of Nonagricultural Wage and Salary Employees in Ohio, By Industrial Division, Since 1939[a]

(percent of Ohio total)

Year	Nonagricultural Wage and Salary	Mining	Construction	Manufacturing	Transportation and Utilities	Wholesale and Retail Trade	Finance, Insurance, Real Estate	Services	Government
1939	100	1.5	3.5	43.2	8.9	18.5	3.2	9.9	11.3
1940	100	1.4	3.4	44.2	8.9	18.4	2.9	9.7	11.0
1941	100	1.4	4.6	47.2	8.5	16.8	2.7	8.7	10.0
1942	100	1.3	4.1	50.0	8.2	15.3	2.4	8.3	10.4
1943	100	1.1	3.1	53.3	7.9	13.8	2.1	7.7	10.9
1944	100	1.1	2.3	53.2	8.2	14.1	2.2	7.9	11.0
1945	100	1.1	2.5	50.4	8.6	14.8	2.4	8.7	11.6
1946	100	1.1	4.0	47.0	8.7	16.2	2.6	9.5	11.0
1947	100	1.1	4.5	46.9	8.4	16.9	2.6	9.6	10.0
1948	100	1.1	4.8	45.3	8.5	17.8	2.6	9.9	10.0
1949	100	1.1	4.8	43.0	8.2	19.0	2.8	10.4	10.8
1950	100	1.0	4.9	44.2	8.1	18.3	2.8	10.0	10.7
1951	100	.9	5.4	45.4	8.0	17.7	2.7	9.6	10.4
1952	100	.8	5.4	45.2	7.8	17.9	2.8	9.7	10.4
1953	100	.7	5.3	45.9	7.6	17.7	2.8	9.6	10.3
1954	100	.7	6.1	43.4	7.3	18.4	3.1	10.2	11.0
1955	100	.7	5.9	43.8	7.2	18.3	3.1	10.2	11.0
1956	100	.7	5.7	43.3	7.1	18.6	3.1	10.4	11.1
1957	100	.7	5.7	42.4	7.0	18.9	3.2	10.7	11.4
1958	100	.7	5.4	39.8	6.9	19.5	3.6	11.5	12.6
1959	100	.6	5.2	40.6	6.7	19.4	3.6	11.4	12.4
1960	100	.6	4.8	40.2	6.6	19.7	3.7	11.7	12.7
1961	100	.6	4.7	38.9	6.5	19.8	3.9	12.1	13.5
1962	100	.6	4.4	39.3	6.4	19.5	3.9	12.1	13.7
1963	100	.6	4.4	39.3	6.3	19.4	3.9	12.4	13.7
1964	100	.6	4.4	39.1	6.1	19.4	3.9	12.7	13.7
1965	100	.6	4.5	39.4	6.0	19.2	3.8	12.8	13.6
1966	100	.5	4.6	39.7	5.9	19.1	3.7	12.9	13.7
1967	100	.5	4.5	38.7	5.8	19.3	3.7	13.4	14.1
1968	100	.5	4.7	38.2	5.7	19.4	3.8	13.7	14.1
1969	100	.5	4.8	37.8	5.7	19.5	3.8	13.9	14.0
1970	100	.5	4.2	36.3	5.8	19.9	4.0	14.6	14.6
1971	100	.5	4.0	34.7	5.8	20.4	4.1	15.3	15.0
1972	100	.6	4.2	34.2	5.7	20.7	4.2	15.5	15.0
1973	100	.6	4.3	34.7	5.5	20.7	4.1	15.7	14.5
1974	100	.6	4.1	34.0	5.5	21.0	4.1	16.1	14.7
1975	100	.7	3.9	31.6	5.3	21.6	4.3	17.1	15.6
1976	100	.7	3.8	31.6	5.2	21.8	4.3	17.2	15.4
1977	100	.7	3.8	31.8	5.2	21.7	4.3	17.3	15.2
1978	100	.7	4.0	31.3	5.1	21.8	4.3	17.6	15.2
1979	100	.7	4.1	30.8	5.2	21.7	4.5	18.0	15.0
1980	100	.7	3.8	28.9	5.1	21.9	4.7	19.0	15.8
1981	100	.7	3.6	28.5	5.0	22.0	4.8	19.7	15.7
1982	100	.7	3.3	26.7	5.0	22.5	5.0	20.8	16.0
1983	100	.6	3.2	26.0	4.8	22.8	5.1	21.3	16.0
1984	100	.7	3.4	26.5	4.8	23.1	5.0	21.2	15.4
1985	100	.6	3.5	25.7	4.6	23.6	5.0	21.7	15.2
1986	100	.5	3.6	24.8	4.5	23.8	5.2	22.4	15.2
1987	100	.5	3.8	24.0	4.5	23.9	5.3	22.9	15.0
1988	100	.4	3.9	23.6	4.5	24.1	5.3	23.3	14.8
1989[b]	100	.4	4.0	23.3	4.5	24.3	5.2	23.7	14.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics.
[b] Preliminary.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus, OH 43216 (5-7-90) RS 790.1-2.1
(March 1989 BM)

Nonagricultural Wage and Salary Employment in Ohio, Goods-Producing Industries, Since 1939[a]

Year	Employment (in thousands)				Goods-Producing as Percent of NAG Employment	Manufacturing as Percent of Goods-Producing Employment	Durable-Goods as Percent of Manufacturing Employment
	Nonagricultural Wage and Salary (NAG)	Goods-Producing	Manufacturing	Durable-Goods			
1939	1783.8	860.2	769.8	487.7	48.2	89.5	63.4
1940	1906.6	935.9	843.6	554.4	49.1	90.1	65.7
1941	2201.3	1171.1	1039.4	719.2	53.2	88.8	69.2
1942	2411.3	1336.4	1204.9	862.8	55.4	90.2	71.6
1943	2607.0	1499.0	1390.1	1039.2	57.5	92.7	74.8
1944	2558.0	1446.9	1359.7	1013.9	56.6	94.0	74.6
1945	2417.9	1305.1	1218.2	879.9	54.0	93.3	72.2
1946	2532.1	1319.2	1190.0	818.4	52.1	90.2	68.8
1947	2708.3	1422.6	1269.3	894.1	52.5	89.2	70.4
1948	2785.5	1427.4	1261.7	887.6	51.2	88.4	70.3
1949	2654.9	1297.4	1142.2	783.5	48.9	88.0	68.6
1950	2760.0	1382.0	1220.0	847.7	50.1	88.3	69.5
1951	2953.4	1524.6	1339.5	954.5	51.6	87.9	71.3
1952	3005.7	1543.1	1357.3	973.1	51.3	88.0	71.7
1953	3150.3	1636.4	1446.9	1052.0	51.9	88.4	72.7
1954	3028.4	1518.7	1314.0	937.1	50.1	86.5	71.3
1955	3128.9	1575.0	1370.6	980.0	50.3	87.0	71.5
1956	3219.7	1600.6	1393.7	1002.0	49.7	87.1	71.9
1957	3230.6	1576.2	1370.9	984.7	48.8	87.0	71.8
1958	3007.2	1381.2	1198.3	828.9	45.9	86.8	69.2
1959	3112.5	1445.9	1264.5	886.8	46.5	87.5	70.1
1960	3147.3	1436.9	1264.8	889.8	45.7	88.0	70.4
1961	3044.3	1344.2	1183.2	821.6	44.2	88.0	69.4
1962	3099.2	1374.9	1218.2	953.6	44.4	88.6	70.1
1963	3145.2	1392.1	1236.6	869.6	44.3	88.8	70.3
1964	3216.3	1420.0	1259.1	887.1	44.2	88.7	70.5
1965	3364.3	1496.8	1326.0	941.7	44.5	88.6	71.0
1966	3537.3	1584.8	1404.4	1004.7	44.8	88.6	71.5
1967	3619.8	1584.1	1401.4	998.6	43.8	88.5	71.3
1968	3750.8	1627.9	1433.5	1021.8	43.4	88.1	71.3
1969	3887.3	1675.4	1471.0	1052.7	43.1	87.8	71.6
1970	3880.7	1594.7	1409.9	1002.5	41.1	88.4	71.1
1971	3839.6	1509.8	1333.8	963.1	39.3	88.3	72.2
1972	3938.4	1534.6	1346.8	948.8	39.0	87.8	70.4
1973	4112.9	1624.7	1426.3	1018.2	39.5	87.8	71.4
1974	4169.4	1613.1	1416.6	1013.1	38.7	87.8	71.5
1975	4016.2	1449.2	1267.5	892.4	36.1	87.5	70.4
1976	4094.6	1477.7	1295.3	910.6	36.1	87.7	70.3
1977	4230.1	1536.0	1344.1	945.2	36.3	87.5	70.3
1978	4394.9	1582.8	1377.2	974.5	36.0	87.0	70.8
1979	4484.8	1596.8	1382.3	978.1	35.6	86.6	70.8
1980	4367.4	1462.4	1264.3	880.3	33.5	86.5	69.6
1981	4317.7	1417.0	1232.6	858.2	32.8	87.0	69.6
1982	4124.3	1264.8	1099.9	750.5	30.7	87.0	68.2
1983	4092.5	1223.4	1066.0	721.9	29.9	87.1	67.7
1984	4260.2	1299.7	1127.0	771.7	30.5	86.7	68.5
1985	4372.9	1304.3	1124.2	767.0	29.8	86.2	68.2
1986	4471.4	1293.1	1109.8	751.0	28.9	85.8	67.7
1987	4582.6	1296.2	1098.9	738.9	28.3	84.8	67.2
1988	4700.6	1315.1	1110.6	747.3	28.0	84.4	67.3
1989[b]	4817.2	1333.9	1123.0	753.2	27.7	84.2	67.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Includes full- and part-time wage and salaried workers employed during pay periods including the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals because of rounding. [b] Preliminary.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus, OH 43216 (5-7-90) RS 790.1-1
(March 1989 BM)

Ohio

Nonagricultural Wage and Salary Employment, 1989[a]

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	4817.2	4680.9	4696.4	4746.9	4777.0	4827.0	4858.3	4815.3	4830.3	4877.8	4885.7	4900.8	4909.6
Goods-Producing Industries	1333.9	1301.6	1297.2	1309.3	1320.5	1333.3	1351.4	1343.2	1358.7	1361.7	1347.1	1346.8	1335.6
Mining	17.8	17.7	17.6	17.7	17.8	17.8	18.1	15.4	18.5	18.5	18.6	18.3	18.1
Coal Mining	7.3	7.5	7.6	7.6	7.5	7.5	7.5	4.6[f]	7.7	7.8	7.7	7.5	7.5
Oil and Gas Extraction	5.7	6.0	5.8	5.7	5.5	5.4	5.6	5.7	5.7	5.7	5.8	5.8	5.8
Construction	193.1	165.0	161.2	169.0	181.5	191.3	201.8	209.6	212.3	211.8	212.3	205.5	195.8
General Building Contractors	46.7	42.8	42.1	43.1	45.0	45.7	47.8	49.6	49.8	49.3	49.2	48.5	47.5
Nonresidential Building Construction	24.1	22.8	22.3	22.7	23.4	23.6	24.4	25.2	25.2	25.0	25.1	24.7	24.3
Heavy Construction, Except Building	23.2	15.9	15.8	17.5	21.2	23.8	26.0	27.3	27.8	28.1	27.9	25.4	21.6
Highway and Street Construction	8.0	4.0	3.9	4.7	6.7	8.6	9.6	10.2	10.5	10.6	10.4	9.3	7.0
Special Trade Contractors	123.2	106.2	103.4	108.4	115.4	121.8	128.0	132.7	134.7	134.5	135.2	131.7	126.7
Manufacturing	1123.0	1118.9	1118.4	1122.6	1121.2	1124.2	1131.5	1118.2	1128.0	1131.4	1116.3	1123.0	1121.7
Durable Goods[c]	753.2	755.6	754.4	756.8	755.2	756.5	759.8	748.2	754.9	755.5	742.1	749.5	750.0
Lumber and Wood Products	22.4	21.7	21.6	21.7	21.5	22.1	22.4	22.8	23.1	23.0	23.0	22.8	22.6
Millwork, Plywood and Structural Members	10.1	9.7	9.6	9.7	9.7	10.0	10.1	10.4	10.4	10.5	10.4	10.4	10.2
Furniture and Fixtures	15.5	15.6	15.7	15.7	15.5	15.2	15.5	15.5	15.5	15.5	15.4	15.6	15.7
Stone, Clay, and Glass Products	45.7	44.7	44.8	45.3	45.4	45.7	46.4	46.1	46.5	46.3	45.9	45.9	45.3
Primary Metal Industries	102.2	103.1	102.9	102.8	103.2	103.3	103.1	101.0	102.4	102.8	100.3	100.8	100.6
Blast Furnace and Basic Steel Products	46.5	46.5	46.4	46.3	46.7	46.8	47.1	47.7	47.5	47.1	44.6[f]	45.5	46.4
Iron and Steel Foundries	20.5	20.9	20.9	20.9	20.8	20.9	20.8	19.2	20.3	20.5	20.5	20.4	19.8
Nonferrous Rolling and Drawing	17.1	17.8	17.6	17.5	17.6	17.4	17.1	16.3	16.5	17.2	17.1	17.0	16.5
Nonferrous Foundries	10.7	10.7	10.7	10.8	10.7	10.8	10.8	10.6	10.8	10.8	10.6	10.5	10.7
Fabricated Metal Products	136.3	137.3	136.9	137.3	136.5	136.8	136.8	134.9	135.0	137.1	135.3	136.2	136.0
Fabricated Structural Metal Products	30.3	29.9	29.6	29.8	29.8	30.1	30.4	30.5	30.5	31.0	30.5	30.5	30.5
Metal Forgings and Stampings	39.5	40.5	40.4	40.2	40.0	40.0	39.5	38.0	38.1	39.4	39.1	39.3	39.1
Industrial Machinery and Equipment	167.6	167.1	167.6	168.7	167.8	167.8	169.2	168.8	168.0	167.9	163.6	167.1	168.0
Construction and Related Machinery	14.1	14.1	13.8	13.8	13.9	14.1	14.2	14.4	14.2	14.1	14.1	14.2	14.4
Metalworking Machinery	47.8	47.3	47.4	47.9	47.8	47.8	48.2	48.5	48.4	48.0	47.5	47.6	47.5
Special Industry Machinery	17.2	16.9	17.2	17.4	17.1	17.0	17.1	17.3	17.2	17.4	17.4	17.1	17.5
General Industrial Machinery	26.1	26.2	26.4	26.5	26.2	26.3	26.5	26.3	26.1	26.3	23.3[f]	26.3	26.4
Computer and Office Equipment	11.5	11.9	11.8	11.9	11.4	11.3	11.4	11.5	11.2	11.4	11.2	11.3	11.2
Refrigeration and Service Machinery	16.3	16.4	16.4	16.3	16.4	16.5	16.8	16.7	16.3	16.2	16.0	15.9	15.9
Electronic and Other Electric Equipment	79.5	80.7	79.7	79.8	78.9	78.9	79.6	79.2	79.3	80.2	79.4	79.6	79.0
Electrical Industrial Apparatus	12.6	12.7	12.7	12.8	12.5	12.6	12.7	12.6	12.4	12.7	12.6	12.6	12.5
Household Appliances	15.4	16.0	15.3	15.2	14.9	14.9	15.3	15.4	15.7	15.7	15.2	15.4	15.4
Electric Lighting and Wiring Equipment	16.6	16.7	16.7	16.6	16.6	16.6	16.7	16.5	16.3	16.6	16.5	16.7	16.6
Electronic Components and Accessories	11.4	11.4	11.4	11.5	11.4	11.3	11.3	11.4	11.3	11.6	11.6	11.6	11.5

See footnotes at end of table.

RS-790-1-0 (1989)

Ohio

Nonagricultural Wage and Salary Employment, 1989[a] (continued)

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Transportation Equipment	141.8	143.7	143.7	144.0	144.8	144.9	144.7	137.7	142.4	139.8	136.4	139.0	140.8
Motor Vehicles and Equipment	96.4	98.2	98.6	99.0	99.7	99.7	99.1	92.0	97.0	94.5	90.9	93.5	95.1
Aircraft and Parts	36.5	36.8	36.4	36.3	36.3	36.2	36.4	36.6	36.4	36.5	36.6	36.6	36.8
Instruments and Related Products	26.8	26.9	26.7	26.6	26.7	26.7	26.8	26.8	26.8	26.9	27.0	27.0	26.8
Measuring and Controlling Devices	16.4	16.5	16.4	16.3	16.2	16.2	16.3	16.4	16.4	16.5	16.5	16.4	16.3
Nondurable Goods[d]	369.8	363.4	364.1	365.8	366.0	367.7	371.7	370.0	373.1	375.9	374.2	373.5	371.7
Food and Kindred Products	63.2	61.8	61.2	61.5	61.8	62.4	63.5	63.2	64.4	66.7	64.9	63.8	63.4
Dairy Products	10.1	9.6	9.7	9.9	10.2	10.2	10.3	10.3	10.4	10.2	10.2	10.2	10.2
Preserved Fruits and Vegetables	11.0	10.8	10.3	10.3	10.4	10.6	10.7	10.2	11.2	13.8	11.9	10.9	10.5
Bakery Products	9.6	9.3	9.1	9.3	9.5	9.5	9.9	9.8	10.0	10.0	9.7	9.6	9.5
Apparel and Other Textile Products	15.4	15.4	15.6	15.7	15.7	15.3	15.1	14.9	15.3	15.5	15.3	15.5	15.2
Paper and Allied Products	37.6	37.2	37.2	37.2	37.3	37.4	37.7	38.1	37.8	37.7	37.8	37.9	38.0
Paperboard Containers and Boxes	13.6	13.3	13.3	13.3	13.3	13.4	13.5	13.8	13.7	13.7	13.9	13.9	14.0
Miscellaneous Converted Paper Products	12.1	12.1	12.1	12.2	12.2	12.1	12.2	12.3	12.1	12.1	12.0	12.0	12.1
Printing and Publishing	73.9	72.3	73.1	73.3	73.1	73.5	74.1	74.0	74.2	74.6	74.8	75.0	75.0
Newspapers	18.8	18.8	18.8	18.7	18.6	18.6	18.7	18.6	18.7	18.8	18.9	19.0	19.0
Commercial Printing	27.2	26.5	26.8	26.9	27.0	27.1	27.3	27.3	27.4	27.6	27.6	27.7	27.7
Chemicals and Allied Products	65.2	64.1	64.3	64.7	64.5	64.9	65.9	66.0	66.1	65.6	65.5	65.6	65.5
Plastics Materials and Synthetics	9.7	9.5	9.5	9.6	9.5	9.6	9.9	9.9	9.9	9.8	9.7	9.7	9.7
Rubber and Miscellaneous Plastics Products	96.4	95.1	95.4	96.0	96.0	96.1	97.1	95.4	96.8	97.4	97.6	97.6	96.7
Tires and Inner Tubes	15.4	14.6	14.6	15.3	15.5	15.6	15.7	15.6	15.6	15.6	15.6	15.5	15.5
Miscellaneous Plastics Products	58.1	57.6	57.8	57.8	57.8	57.7	58.3	57.1	58.4	58.8	59.0	58.9	58.2
Service-Producing Industries	3483.3	3379.3	3399.1	3437.6	3456.5	3493.6	3506.9	3472.1	3471.5	3516.0	3538.6	3554.0	3574.0
Transportation and Public Utilities	215.9	209.9	209.9	211.1	212.8	215.1	217.4	217.5	218.5	219.0	219.4	219.4	220.4
Transportation	125.3	120.2	120.2	121.5	122.9	124.8	126.1	126.0	127.0	127.9	128.6	129.0	130.0
Railroad Transportation	12.9	12.9	12.6	12.6	13.0	13.2	13.2	13.1	13.0	12.9	12.9	12.5	12.5
Trucking and Warehousing	75.4	72.2	72.7	73.3	73.9	74.7	75.3	75.7	76.5	76.8	77.4	77.9	78.9
Transportation by Air	13.2	12.8	12.8	12.9	12.8	12.9	13.0	13.3	13.3	13.4	13.4	13.6	13.7
Communications, Electric, Gas Services	90.5	89.7	89.7	89.7	89.8	90.3	91.3	91.5	91.5	91.1	90.7	90.4	90.4
Communications	47.5	47.4	47.5	47.4	47.5	47.6	47.7	47.7	47.6	47.5	47.4	47.2	47.1
Electric, Gas, and Sanitary Services	43.1	42.3	42.3	42.3	42.4	42.7	43.6	43.9	43.9	43.6	43.3	43.2	43.3
Wholesale Trade	264.0	258.2	258.5	260.4	260.3	262.4	265.2	265.8	265.7	266.0	268.0	268.5	269.6
Wholesale Trade-Durable Goods	167.4	163.9	164.3	165.5	165.4	166.6	168.1	168.6	168.3	168.6	169.6	169.9	170.5
Motor Vehicles, Parts, and Supplies	22.8	22.6	22.5	22.6	22.7	22.9	23.0	23.0	22.9	22.8	22.9	22.9	22.9
Professional and Commercial Equipment	32.1	31.4	31.6	31.7	31.9	31.9	32.1	32.3	32.3	32.4	32.6	32.7	32.7
Metals and Minerals, Except Petroleum	11.2	11.3	11.3	11.4	11.1	11.1	11.2	11.2	11.2	11.2	11.3	11.2	11.3
Electrical Goods	18.5	18.3	18.3	18.3	18.4	18.3	18.5	18.5	18.5	18.5	18.7	18.8	18.8
Hardware, Plumbing and Heating Equipment	12.6	12.3	12.3	12.4	12.5	12.6	12.6	12.7	12.7	12.6	12.7	12.8	12.8

See footnotes at end of table.

Ohio

Nonagricultural Wage and Salary Employment, 1989^{a} (continued)

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Machinery, Equipment, and Supplies	41.7	40.6	40.9	41.3	41.0	41.4	41.9	42.0	41.9	42.0	42.2	42.3	42.4
Wholesale Trade-Nondurable Goods	96.6	94.3	94.2	94.9	94.8	95.8	97.1	97.2	97.4	97.4	98.3	98.6	99.1
Groceries and Related Products	31.8	31.0	30.9	31.3	31.2	31.4	31.9	31.8	31.9	32.0	32.4	32.5	32.8
Retail Trade	904.2	868.9	864.6	877.8	886.2	899.5	909.2	910.3	915.4	916.8	919.7	933.3	949.1
Building Materials and Garden Supplies	34.5	31.1	31.1	32.7	34.5	36.2	36.7	36.1	35.7	35.4	35.1	35.0	35.0
Lumber and Other Building Materials	17.5	15.9	16.0	16.7	17.0	17.8	18.3	18.4	18.4	18.2	18.0	17.8	17.6
General Merchandise Stores	125.4	120.7	119.6	122.2	121.9	121.8	122.6	122.9	123.6	124.7	127.9	135.6	141.5
Department Stores	101.6	96.8	96.4	98.8	98.8	98.7	99.7	100.1	100.4	101.1	103.8	110.3	115.1
Variety Stores	13.7	13.7	13.5	13.6	13.3	13.3	13.1	13.1	13.4	13.7	14.0	14.6	14.9
Food Stores	140.0	136.4	135.5	136.4	137.4	138.8	140.4	140.9	140.8	141.4	141.8	143.7	145.9
Grocery Stores	123.6	120.8	120.0	120.5	121.8	122.7	123.9	124.5	124.3	124.9	125.2	126.5	127.9
Automotive Dealers and Service Stations	98.9	96.0	95.9	96.6	97.5	99.0	99.7	100.3	100.8	100.7	100.6	100.1	100.1
New and Used Car Dealers	43.9	43.1	43.0	43.4	43.5	43.7	43.9	44.1	44.3	44.4	44.7	44.4	44.2
Gasoline Service Stations	33.9	32.6	32.5	32.6	32.8	33.7	34.1	34.3	34.5	34.6	34.8	34.8	35.2
Apparel and Accessory Stores	48.4	47.2	45.8	46.4	46.4	46.9	47.3	47.3	48.7	49.0	50.1	51.6	54.3
Furniture and Homefurnishings Stores	31.8	31.4	31.0	31.1	31.1	31.1	31.3	31.3	31.6	31.8	32.4	33.2	34.1
Eating and Drinking Places	310.2	294.2	294.9	300.8	306.5	314.0	318.6	318.0	319.6	318.3	313.5	311.9	312.4
Miscellaneous Retail	115.0	111.9	110.7	111.5	111.0	111.8	112.7	113.4	114.6	115.5	118.2	122.3	125.9
Drug Stores and Proprietary Stores	30.7	29.6	29.6	29.7	30.1	30.2	30.6	30.8	30.9	31.0	31.3	31.8	32.3
Nonstore Retailers	21.9	21.5	21.7	21.7	20.8	20.8	21.1	21.2	21.4	21.9	22.5	23.7	24.0
Finance, Insurance, and Real Estate	252.6	247.9	248.3	249.8	249.4	251.2	254.2	255.9	256.1	254.9	254.1	254.3	254.7
Finance	119.6	118.0	118.2	119.0	118.5	119.1	120.3	121.1	121.1	120.5	119.7	119.8	120.3
Depository Institutions	90.6	89.7	89.6	90.1	89.7	90.1	91.2	91.9	91.8	91.2	90.5	90.6	90.9
Commercial Banks	63.3	62.1	62.1	62.7	62.6	63.0	63.9	64.3	64.4	64.0	63.6	63.6	63.8
Insurance	91.0	90.0	90.2	90.4	90.3	90.3	91.0	91.2	91.3	91.3	91.6	92.0	92.0
Insurance Carriers	69.8	69.3	69.4	69.4	69.4	69.3	69.8	70.0	70.0	70.0	70.0	70.4	70.3
Life Insurance	25.9	25.8	25.8	25.8	25.9	25.8	25.9	25.8	25.8	25.8	25.9	26.0	26.0
Fire, Marine, and Casualty Insurance	30.6	30.3	30.2	30.2	30.2	30.2	30.5	30.8	30.8	31.0	30.9	31.1	31.1
Real Estate	42.0	39.9	39.9	40.5	40.6	41.8	42.9	43.6	43.8	43.1	42.8	42.5	42.4
Services	1140.8	1092.4	1104.6	1118.2	1131.3	1142.5	1157.8	1158.8	1160.0	1165.8	1156.2	1152.0	1150.5
Hotels and Other Lodging Places	38.2	35.7	36.3	37.3	37.0	38.4	39.8	40.4	40.7	39.5	38.0	37.6	37.4
Personal Services	53.7	53.9	54.5	55.1	55.2	52.4	52.7	52.6	52.7	53.3	53.7	53.9	54.7
Business Services	203.5	192.6	194.1	197.7	198.3	200.9	203.2	207.0	208.3	209.8	210.6	209.5	210.3
Services to Buildings	32.0	30.4	31.1	31.4	31.8	32.0	32.1	32.4	32.6	33.0	32.7	32.6	32.4
Personnel Supply Services	70.2	63.4	63.9	66.5	67.8	69.4	70.2	72.3	73.1	74.1	74.2	73.3	73.8
Computer and Data Processing Services	25.3	24.1	24.3	24.6	24.8	25.0	25.1	25.7	25.9	26.0	26.3	26.2	26.4
Amusements, Including Motion Pictures	56.9	43.5	44.0	46.9	55.2	63.8	72.4	74.1	73.7	67.6	50.5	46.4	44.9

See footnotes at end of table.

Ohio

Nonagricultural Wage and Salary Employment, 1989[a] (continued)
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Health Services	384.5	376.4	377.7	379.3	379.9	381.4	385.0	387.6	388.5	388.7	389.1	390.0	391.0
Nursing and Personal Care Facilities	83.2	81.5	81.8	82.1	82.1	82.6	83.3	83.7	84.1	84.3	84.1	84.5	84.7
Hospitals	187.2	184.5	184.8	185.4	185.7	186.0	187.6	188.9	189.0	188.7	188.4	188.7	188.9
Legal Services	28.5	27.7	27.8	28.0	27.8	28.1	29.0	29.0	29.0	28.6	28.9	29.0	29.2
Educational Services	61.0	63.0	68.1	66.9	66.3	62.7	55.9	48.5	47.2	58.6	64.6	66.0	63.9
Colleges and Universities	33.9	35.4	40.0	38.7	38.5	34.8	28.8	24.4	23.7	32.0	36.8	37.9	35.8
Social Services	72.5	70.8	71.4	71.9	71.6	71.9	71.9	72.0	72.2	73.4	74.0	74.5	75.2
Residential Care	22.0	21.4	21.5	21.7	21.7	21.8	22.0	22.2	22.4	22.3	22.3	22.4	22.7
Membership Organizations	78.3	75.7	76.4	77.1	77.7	78.2	79.7	79.1	79.4	78.8	79.1	79.1	79.4
Engineering and Management Services	85.4	83.8	84.9	85.2	84.7	84.4	85.7	86.0	86.2	85.6	85.9	86.2	86.8
Engineering and Architectural Services	26.0	25.2	25.3	25.4	25.6	25.8	26.4	26.7	26.7	26.4	26.2	26.2	26.4
Accounting, Auditing, and Bookkeeping	21.3	21.5	22.0	21.9	21.6	20.8	20.8	20.9	20.9	20.8	21.2	21.3	21.5
Research and Testing Services	18.8	18.3	18.4	18.5	18.4	18.6	18.9	19.0	19.2	18.9	19.0	19.1	19.1
Management and Public Relations	19.4	18.8	19.1	19.4	19.2	19.2	19.6	19.3	19.4	19.4	19.6	19.7	19.7
Government	705.7	702.0	713.2	720.3	716.6	723.0	703.2	663.8	655.8	693.6	721.2	726.5	729.7
Federal Government	96.8	95.5	95.3	95.5	96.4	97.0	97.9	97.9	98.1	96.9	97.0	96.6	97.4
U.S. Postal Service	34.6	35.1	34.9	34.9	34.9	34.8	34.9	34.6	34.5	34.1	34.2	34.1	34.8
State Government	157.9	156.4	160.3	165.9	165.2	164.3	154.1	140.7	138.7	149.4	164.7	166.5	169.1
State Government Hospitals	15.8	15.5	15.6	15.6	15.6	15.6	15.7	16.0	15.9	15.9	16.0	15.9	16.0
State Government Education[e]	82.2	82.6	86.5	91.0	89.6	88.9	77.1	62.3	61.1	73.1	89.7	91.6	93.4
Local Government	451.0	450.1	457.6	459.0	455.0	461.7	451.2	425.2	419.0	447.4	459.4	463.3	463.2
Local Government Hospitals	14.4	14.4	14.3	14.3	12.2[f]	14.4	14.6	14.8	14.8	14.8	14.8	14.8	14.8
Local Government Education	263.4	266.3	273.8	274.5	271.7	274.9	257.4	228.2	223.9	260.1	273.8	277.8	277.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-0 (1989)

Ohio

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Goods-Producing Industries	$12.64	$12.57	$12.56	$12.56	$12.57	$12.57	$12.58	$12.53	$12.59	$12.60	$12.86	$12.85	$12.87
Mining	13.28	13.03	13.09	13.26	13.30	13.20	13.27	12.20	13.35	13.50	13.54	13.58	13.81
Coal Mining	16.55	16.22	16.27	16.45	16.50	16.50	16.62	16.15	16.57	16.75	16.85	16.65	16.77
Construction	15.36	15.07	15.01	15.25	15.25	15.27	15.34	15.33	15.42	15.41	15.60	15.51	15.67
General Building Contractors	13.65	13.55	13.36	13.47	13.56	13.59	13.58	13.64	13.69	13.77	13.88	13.77	13.79
Heavy Construction, Except Building	16.10	15.52	15.65	17.27	16.79	16.69	16.35	16.01	16.03	15.81	16.12	15.52	15.33
Special Trade Contractors	15.82	15.58	15.53	15.51	15.53	15.56	15.79	15.77	15.89	15.90	16.07	16.11	16.32
Manufacturing	12.26	12.21	12.19	12.24	12.21	12.23	12.28	12.16	12.22	12.33	12.29	12.34	12.38
Durable Goods[b]	12.61	12.61	12.57	12.62	12.54	12.57	12.63	12.47	12.53	12.69	12.63	12.68	12.73
Lumber and Wood Products	8.15	7.88	7.83	7.97	8.14	8.18	8.21	8.16	8.21	8.25	8.28	8.31	8.30
Millwork, Plywood and Structural Members	8.51	8.31	8.23	8.42	8.48	8.42	8.53	8.45	8.54	8.65	8.62	8.74	8.66
Furniture and Fixtures	9.20	9.02	9.00	9.04	9.19	9.26	9.19	9.22	9.23	9.24	9.40	9.43	9.22
Stone, Clay, and Glass Products	11.21	11.15	11.03	11.13	11.17	11.14	11.23	11.23	11.22	11.21	11.37	11.37	11.19
Primary Metal Industries	14.05	14.03	13.93	13.94	14.03	14.01	14.08	13.96	14.06	14.23	14.13	14.13	14.11
Blast Furnace and Basic Steel Products	14.32	14.25	14.27	14.35	14.35	14.29	14.45	14.32	14.35	14.31	14.25	14.29	14.36
Iron and Steel Foundries	14.62	14.87	14.51	14.45	14.67	14.69	14.48	14.14	14.48	15.00	14.74	14.62	14.72
Nonferrous Rolling and Drawing	15.53	15.25	15.14	15.15	15.31	15.29	15.49	15.62	15.78	15.97	15.90	15.92	15.63
Nonferrous Foundries	10.49	10.50	10.50	10.40	10.46	10.54	10.43	10.35	10.43	10.59	10.49	10.56	10.65
Fabricated Metal Products	12.04	12.06	12.00	12.01	12.02	12.08	11.96	12.01	11.90	12.28	12.09	12.12	12.00
Fabricated Structural Metal Products	10.91	11.02	10.85	10.77	10.78	10.82	10.82	10.77	10.78	10.86	10.99	11.34	11.03
Metal Forgings and Stampings	14.59	14.42	14.36	14.46	14.49	14.66	14.48	14.68	14.43	15.16	14.75	14.63	14.53
Industrial Machinery and Equipment	12.25	12.30	12.23	12.25	12.21	12.24	12.23	12.12	12.14	12.28	12.30	12.32	12.35
Construction and Related Machinery	10.82	10.57	10.68	10.66	10.71	10.72	10.80	10.68	10.78	10.91	10.98	11.13	11.22
Metalworking Machinery	11.86	11.88	11.86	11.82	11.79	11.79	11.82	11.79	11.82	11.89	11.92	11.96	11.95
Special Industry Machinery	11.59	11.49	11.48	11.46	11.45	11.44	11.58	11.46	11.58	11.69	11.75	11.72	11.94
General Industrial Machinery	13.29	13.05	13.04	13.23	13.22	13.25	13.35	13.27	13.29	13.46	13.75	13.35	13.37
Computer and Office Equipment	11.13	11.04	11.11	11.12	11.10	11.08	11.08	11.11	11.21	11.23	11.10	11.14	11.24
Refrigeration and Service Machinery	14.04	14.59	14.19	14.32	14.19	14.37	13.92	13.72	13.59	13.73	13.81	13.94	13.97
Electronic and Other Electric Equipment	11.11	11.17	11.08	11.11	11.08	11.07	11.06	11.02	11.11	11.14	11.12	11.14	11.17
Electrical Industrial Apparatus	10.33	10.41	10.30	10.37	10.31	10.27	10.24	10.24	10.27	10.34	10.36	10.39	10.42
Household Appliances	12.08	12.10	12.04	12.14	12.13	12.17	12.21	12.02	12.04	12.07	12.01	11.94	12.12
Electric Lighting and Wiring Equipment	11.62	11.72	11.55	11.59	11.69	11.64	11.53	11.40	11.64	11.57	11.64	11.71	11.69
Electronic Components and Accessories	8.36	8.79	8.68	8.63	8.40	8.31	8.29	8.18	8.22	8.20	8.25	8.17	8.17
Transportation Equipment	15.69	15.46	15.57	15.69	15.43	15.52	15.85	15.52	15.66	15.87	15.85	15.91	15.97
Motor Vehicles and Equipment	16.14	15.97	16.07	16.20	15.87	15.96	16.33	15.91	16.06	16.31	16.28	16.30	16.43
Aircraft and Parts	14.59	13.98	14.17	14.21	14.38	14.39	14.61	14.88	14.80	14.86	14.98	15.24	14.60
Instruments and Related Products	9.45	9.18	9.34	9.44	9.45	9.47	9.50	9.52	9.54	9.49	9.46	9.54	9.52
Measuring and Controlling Devices	9.49	9.31	9.45	9.51	9.60	9.54	9.51	9.59	9.60	9.45	9.46	9.46	9.46
Nondurable Goods[c]	11.44	11.25	11.30	11.33	11.39	11.40	11.47	11.46	11.50	11.50	11.52	11.54	11.59
Food and Kindred Products	10.94	10.68	10.71	10.74	10.89	10.93	11.07	11.01	11.10	10.88	10.96	11.08	11.16
Dairy Products	10.93	10.64	10.75	10.56	10.77	10.83	10.97	10.95	10.94	11.23	10.94	11.17	11.35
Preserved Fruits and Vegetables	11.57	11.49	11.63	11.65	11.58	11.44	11.67	11.69	11.66	11.04	11.49	11.71	12.07
Bakery Products	12.07	11.87	11.77	11.89	11.91	12.02	12.11	12.07	12.13	12.13	12.15	12.38	12.36
Apparel and Other Textile Products	7.87	7.95	7.79	7.93	7.89	7.93	7.96	7.96	7.85	7.84	7.73	7.85	7.78
Paper and Allied Products	11.43	11.36	11.36	11.37	11.40	11.36	11.39	11.44	11.44	11.58	11.40	11.43	11.61
Paperboard Containers and Boxes	10.21	10.28	10.23	10.10	10.10	10.19	10.18	10.07	10.27	10.32	10.26	10.22	10.33

See footnotes at end of table.

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Ohio

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a] (continued)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Miscellaneous Converted Paper Products	$10.34	$10.11	$10.18	$10.30	$10.34	$10.13	$10.29	$10.52	$10.31	$10.36	$10.32	$10.43	$10.74
Printing and Publishing	11.59	11.44	11.55	11.56	11.45	11.47	11.45	11.49	11.55	11.70	11.72	11.79	11.82
Newspapers	11.26	11.06	11.11	11.20	11.21	11.22	11.08	11.12	11.26	11.35	11.39	11.51	11.56
Commercial Printing	11.15	10.99	11.10	11.20	10.94	11.01	11.05	10.97	11.07	11.31	11.30	11.39	11.46
Chemicals and Allied Products	13.72	13.45	13.54	13.55	13.67	13.65	13.69	13.70	13.81	13.81	13.92	13.87	14.02
Plastics Materials and Synthetics	15.11	14.68	14.87	14.94	15.12	15.08	14.90	15.10	15.29	15.32	15.41	15.14	15.43
Rubber and Miscellaneous Plastics Products	10.57	10.53	10.49	10.51	10.53	10.58	10.69	10.64	10.61	10.63	10.53	10.56	10.60
Tires and Inner Tubes	15.34	14.85	15.01	15.18	15.22	15.18	15.45	15.42	15.54	15.47	15.49	15.60	15.69
Miscellaneous Plastics Products	10.29	10.31	10.26	10.23	10.23	10.32	10.43	10.36	10.27	10.33	10.17	10.22	10.30
Service-Producing Industries	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.33	14.02	13.96	14.08	14.15	14.18	14.30	14.41	14.47	14.61	14.64	14.54	14.54
Communications	13.93	13.62	13.59	13.67	13.74	13.80	13.96	14.00	14.20	14.26	14.17	14.13	14.04
Electric, Gas, and Sanitary Services	14.76	14.46	14.36	14.51	14.60	14.60	14.67	14.86	14.76	15.00	15.15	14.98	15.07
Wholesale Trade	10.31	10.19	10.18	10.19	10.22	10.29	10.28	10.33	10.39	10.40	10.39	10.41	10.45
Wholesale Trade-Durable Goods	10.06	9.92	9.93	9.94	9.98	10.03	10.01	10.09	10.12	10.13	10.14	10.15	10.26
Motor Vehicles, Parts, and Supplies	9.00	8.91	8.84	8.90	9.07	9.10	8.98	8.97	9.11	8.94	9.01	9.01	9.13
Metals and Minerals, Except Petroleum	10.78	10.72	10.63	10.51	10.53	10.66	10.72	10.77	10.81	10.95	10.98	10.97	11.08
Wholesale Trade-Nondurable Goods	10.74	10.65	10.63	10.61	10.63	10.74	10.73	10.73	10.84	10.87	10.82	10.86	10.76
Retail Trade[d]	6.13	6.05	6.06	6.08	6.09	6.09	6.09	6.10	6.09	6.18	6.20	6.23	6.24
General Merchandise Stores	6.39	6.29	6.35	6.31	6.41	6.39	6.34	6.37	6.38	6.47	6.46	6.41	6.47
Department Stores	6.51	6.44	6.48	6.43	6.51	6.51	6.44	6.48	6.51	6.56	6.57	6.52	6.59
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Business Services	6.79	6.62	6.64	6.62	6.73	6.69	6.72	6.85	6.74	6.81	6.92	7.04	7.08
Health Services	9.42	9.24	9.27	9.22	9.22	9.34	9.42	9.44	9.45	9.52	9.58	9.62	9.68
Nursing and Personal Care Facilities	6.20	6.00	6.05	6.07	6.08	6.12	6.21	6.27	6.23	6.32	6.31	6.36	6.38
Hospitals	10.83	10.50	10.59	10.63	10.66	10.71	10.78	10.87	10.89	11.03	11.06	11.11	11.13
Engineering and Management Services	12.78	11.95	12.03	12.06	12.29	12.88	12.88	13.08	13.18	13.31	13.10	13.11	13.41
Engineering and Architectural Services	19.01	16.95	17.19	17.28	18.00	19.79	19.60	19.85	19.77	19.72	20.01	19.95	20.17
Research and Testing Services	10.10	9.80	9.88	9.84	9.69	9.91	10.08	10.09	10.22	10.45	10.41	10.35	10.44

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-0 (1989)

Ohio

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Goods-Producing Industries	41.7	42.5	42.6	42.3	41.7	41.4	40.9	41.3	40.7	40.5	42.1	42.1	41.9
Mining	44.2	43.5	42.6	43.3	43.9	44.1	43.4	44.9	44.6	45.4	45.2	44.7	44.1
Coal Mining	43.5	42.9	42.8	42.6	42.7	42.9	42.2	42.5	43.7	45.1	44.9	44.5	45.1
Construction	39.1	38.2	37.3	39.1	40.1	38.5	37.9	40.2	40.6	39.5	40.3	38.9	38.4
General Building Contractors	39.5	39.2	38.4	39.0	39.2	39.0	39.8	40.2	40.2	39.8	39.8	39.6	39.2
Heavy Construction, Except Building	40.7	38.8	37.6	43.8	44.1	40.5	37.8	42.7	43.3	40.5	42.2	38.1	37.6
Special Trade Contractors	38.7	37.6	36.7	38.3	39.7	37.9	37.1	39.6	40.0	39.1	40.0	38.9	38.3
Manufacturing	42.7	43.2	43.0	42.9	42.7	42.7	42.9	41.9	42.1	42.7	42.4	42.7	42.6
Durable Goods[b]	43.0	43.7	43.5	43.5	43.2	43.2	43.3	42.2	42.3	43.0	42.7	43.0	42.9
Lumber and Wood Products	40.5	39.7	39.6	40.2	40.9	41.2	41.6	40.2	40.5	40.6	40.2	40.4	40.4
Millwork, Plywood and Structural Members	42.2	40.0	40.6	41.9	42.9	41.6	43.1	40.7	42.6	43.7	42.3	43.8	43.3
Furniture and Fixtures	41.1	39.4	41.0	40.7	41.8	41.8	42.1	40.6	41.1	41.0	41.5	41.3	40.9
Stone, Clay, and Glass Products	42.7	42.5	42.6	42.7	42.8	42.5	42.7	42.5	42.8	42.5	43.1	43.0	42.1
Primary Metal Industries	44.1	44.9	44.5	44.6	44.5	44.3	44.9	43.5	43.6	44.2	43.2	43.6	43.8
Blast Furnace and Basic Steel Products	44.3	44.5	44.7	45.0	44.6	44.4	45.8	44.5	44.3	43.7	42.9	43.0	44.1
Iron and Steel Foundries	44.3	47.0	45.1	44.8	45.1	45.1	44.5	42.3	42.7	44.3	43.3	43.4	43.3
Nonferrous Rolling and Drawing	42.3	43.2	42.3	41.7	42.6	42.2	42.3	41.6	41.7	43.8	42.5	43.2	40.8
Nonferrous Foundries	44.6	44.6	45.7	46.1	44.7	44.8	44.7	42.4	43.5	44.7	43.5	44.8	45.7
Fabricated Metal Products	42.2	42.8	42.5	42.4	42.4	42.6	42.3	41.5	41.2	42.6	42.0	42.3	41.9
Fabricated Structural Metal Products	41.5	40.3	40.2	40.4	40.9	41.4	41.9	41.3	41.9	42.0	42.1	43.5	42.4
Metal Forgings and Stampings	43.1	43.9	44.1	44.2	44.1	44.2	42.7	42.0	41.1	44.3	42.3	42.3	41.6
Industrial Machinery and Equipment	43.6	44.9	44.4	44.3	44.1	43.9	43.8	42.5	42.5	43.0	43.0	43.4	43.6
Construction and Related Machinery	40.9	40.8	41.3	41.1	41.4	41.0	41.2	39.4	40.2	40.6	40.7	41.4	41.7
Metalworking Machinery	44.5	45.7	45.2	44.7	44.7	44.2	44.4	43.6	43.5	43.8	44.3	45.1	45.0
Special Industry Machinery	44.7	44.5	44.8	45.3	45.1	45.0	45.3	42.4	43.5	44.3	45.0	45.2	45.5
General Industrial Machinery	43.6	44.6	44.5	44.2	43.7	44.1	44.4	42.5	42.9	43.0	43.5	42.5	43.3
Computer and Office Equipment	42.0	41.8	41.0	40.3	40.7	41.4	42.7	42.8	44.3	42.4	42.2	41.7	42.2
Refrigeration and Service Machinery	42.6	45.7	43.9	44.1	44.0	44.5	42.8	42.0	40.2	40.7	40.4	41.6	41.2
Electronic and Other Electric Equipment	41.4	42.3	41.7	41.4	41.3	41.3	41.2	40.4	41.2	41.2	41.4	41.5	41.4
Electrical Industrial Apparatus	42.9	43.6	43.3	43.5	43.5	43.3	43.0	42.0	42.1	42.5	42.7	43.1	42.5
Household Appliances	40.2	41.8	40.8	39.5	39.3	40.3	41.0	40.5	40.7	39.4	40.3	39.0	40.1
Electric Lighting and Wiring Equipment	40.4	41.6	41.3	41.3	41.2	40.3	40.1	38.5	39.9	40.0	40.2	40.5	39.9
Electronic Components and Accessories	41.3	42.8	42.3	41.8	41.3	41.0	41.0	39.6	40.8	41.1	41.1	41.5	40.9
Transportation Equipment	44.9	45.4	45.8	46.1	44.3	44.6	45.0	43.6	43.6	45.4	44.9	45.3	44.9
Motor Vehicles and Equipment	45.3	45.7	46.2	46.8	44.3	45.1	45.4	43.8	43.9	45.9	45.4	45.5	45.7
Aircraft and Parts	44.6	45.7	45.7	44.7	45.8	43.6	44.5	43.9	43.4	44.5	45.1	46.5	42.2
Instruments and Related Products	40.6	40.5	39.9	40.5	39.9	40.5	40.6	41.0	41.3	40.7	40.5	40.6	40.8
Measuring and Controlling Devices	40.0	39.8	38.8	39.7	39.4	39.8	39.7	40.6	40.8	40.3	40.1	40.3	40.3
Nondurable Goods[c]	41.8	42.1	41.9	41.6	41.6	41.5	42.0	41.4	41.6	42.1	41.9	42.0	41.9
Food and Kindred Products	41.9	41.3	41.1	41.8	41.8	41.6	42.3	42.0	42.2	42.1	41.7	42.2	42.4
Dairy Products	42.8	42.5	42.8	41.8	43.1	42.4	43.4	42.8	42.4	43.5	41.9	43.0	44.1
Preserved Fruits and Vegetables	42.1	42.4	41.6	42.6	41.9	40.5	42.1	41.8	43.4	41.7	42.3	42.0	43.1
Bakery Products	39.3	39.2	39.2	39.2	38.7	38.6	39.9	39.5	38.9	39.1	39.3	40.2	39.2
Apparel and Other Textile Products	38.0	39.5	39.1	38.3	37.8	37.5	37.3	36.8	36.7	38.3	38.4	38.0	37.8
Paper and Allied Products	43.7	44.5	43.3	43.7	43.4	42.8	43.4	43.3	43.4	44.4	43.7	43.9	44.7
Paperboard Containers and Boxes	42.3	43.6	41.4	42.3	42.0	41.6	42.3	41.7	42.0	42.2	42.8	42.8	42.8

See footnotes at end of table.

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Ohio

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a] (continued)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Miscellaneous Converted Paper Products	43.6	44.2	43.5	43.5	43.3	42.0	42.7	43.4	42.9	44.2	43.8	44.3	45.8
Printing and Publishing	39.5	38.9	39.1	39.3	39.2	38.9	39.1	39.1	38.8	40.0	39.9	40.6	40.8
Newspapers	33.9	33.1	33.4	33.2	33.6	34.0	33 5	33.5	34.0	34.4	34.3	35.0	35.1
Commercial Printing	40.9	40.3	40.4	40.6	40.0	39.7	40.9	40.4	39.8	41.9	42.0	42.2	42.3
Chemicals and Allied Products	42.8	42.8	43.4	42.6	42.4	42.1	43.1	42.1	42.7	42.6	42.8	42.8	43.6
Plastics Materials and Synthetics	44.5	45.9	45.1	44.6	44.5	43.7	44.4	44.2	44.8	44.6	44.8	43.3	44.7
Rubber and Miscellaneous Plastics Products	42.2	43.6	42.9	42.0	42.2	42.6	43.0	41.9	41.9	42.5	41.8	41.7	40.9
Tires and Inner Tubes	45.5	44.4	44.4	45.7	45.9	45.9	47.3	46.2	46.6	44.7	44.1	44.9	45.8
Miscellaneous Plastics Products	41.9	43.7	43.1	41.7	41.9	42.5	42.7	41.3	41.2	42.2	41.1	40.8	40.2
Service-Producing Industries	....	....	....	....	....	....	....	....	....	....	....	....	....
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	41.2	40.6	40.2	40.4	40.7	40.7	41.4	41.6	41.6	41.9	41.4	41.0	42.3
Communications	40.3	39.7	39.2	39.2	39.7	40.0	41.0	41.2	41.4	41.4	40.3	40.5	40.0
Electric, Gas, and Sanitary Services	42.1	41.6	41.3	41.8	41.8	41.6	41.8	42.1	41.9	42.4	42.7	41.6	44.9
Wholesale Trade	39.2	39.2	39.1	39.0	39.0	39.1	39.0	39.3	39.2	39.3	39.2	39.3	39.3
Wholesale Trade-Durable Goods	39.1	39.3	39.2	39.0	38.8	39.0	38.9	39.0	39.1	39.3	39.2	39.1	39.2
Motor Vehicles, Parts, and Supplies	37.5	37.2	37.5	37.0	36.3	37.1	37.0	37.9	37.3	37.6	38.3	38.2	39.1
Metals and Minerals, Except Petroleum	42.4	43.4	42.7	42.1	42.1	42.6	42.0	41.9	42.4	42.7	42.3	42.3	41.8
Wholesale Trade-Nondurable Goods	39.3	39.0	39.0	39.1	39.3	39.2	39.3	39.6	39.4	39.3	39.1	39.5	39.4
Retail Trade	28.5	28.2	28.2	28.3	28.3	28.6	28.8	29.1	29.0	28.4	28.2	28.1	28.7
General Merchandise Stores	28.7	28.1	27.9	28.1	28.2	28.4	28.9	29.2	29.0	28.8	28.5	28.2	31.0
Department Stores	29.0	28.3	28.4	28.6	28.7	28.9	29.3	29.4	29.2	29.1	28.8	28.2	31.3
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Business Services	31.8	31.5	31.7	31.6	31.7	31.6	31.9	31.8	32.0	31.6	31.9	32.1	32.0
Health Services	31.8	31.8	31.7	31.8	31.8	31.9	32.0	31.9	31.8	31.9	31.6	31.8	31.7
Nursing and Personal Care Facilities	31.6	31.5	31.3	31.6	31.6	31.5	31.6	31.8	31.5	31.6	31.5	31.9	31.7
Hospitals	32.6	33.0	32.7	32.6	32.5	32.5	32.6	32.7	32.7	32.8	32.4	32.6	32.6
Engineering and Management Services	35.1	35.9	36.3	36.3	35.7	35.1	34.4	34.2	34.7	34.5	34.6	34.9	35.3
Engineering and Architectural Services	32.5	34.7	34.5	35.1	33.2	31.8	31.4	31.0	31.5	31.7	31.4	31.3	32.7
Research and Testing Services	35.2	34.5	35.6	35.2	35.7	35.4	33.6	33.9	34.8	34.7	35.8	36.7	36.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-0 (1989)

Ohio

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Goods-Producing Industries	$527.09	$534.23	$535.06	$531.29	$524.17	$520.40	$514.52	$517.49	$512.41	$510.30	$541.41	$540.99	$539.25
Mining	586.98	566.81	557.63	574.16	583.87	582.12	575.92	547.78	595.41	612.90	612.01	607.03	609.02
Coal Mining	719.93	695.84	696.36	700.77	704.55	707.85	701.36	686.38	724.11	755.43	756.57	740.93	756.33
Construction	600.58	575.67	559.87	596.28	611.53	587.90	581.39	616.27	626.05	608.70	628.68	603.34	601.73
General Building Contractors	539.18	531.16	513.02	525.33	531.55	530.01	540.48	548.33	550.34	548.05	552.42	545.29	540.57
Heavy Construction, Except Building	655.27	602.18	588.44	756.43	740.44	675.95	618.03	683.63	694.10	640.31	680.26	591.31	576.41
Special Trade Contractors	612.23	585.81	569.95	594.03	616.54	589.72	585.81	624.49	635.60	621.69	642.80	626.68	625.06
Manufacturing	523.50	527.47	524.17	525.10	521.37	522.22	526.81	509.50	514.46	526.49	521.10	526.92	527.39
Durable Goods[b]	542.23	551.06	546.80	548.97	541.73	543.02	546.88	526.23	530.02	545.67	539.30	545.24	546.12
Lumber and Wood Products	330.08	312.84	310.07	320.39	332.93	337.02	341.54	328.03	332.51	334.95	332.86	335.72	335.32
Millwork, Plywood and Structural Members	359.12	332.40	334.14	352.80	363.79	350.27	367.64	343.92	363.80	378.01	364.63	382.81	374.98
Furniture and Fixtures	378.12	355.39	369.00	367.93	384.14	387.07	386.90	374.33	379.35	378.84	390.10	389.46	377.10
Stone, Clay, and Glass Products	478.67	473.88	469.88	475.25	478.08	473.45	479.52	477.28	480.22	476.43	490.05	488.91	471.10
Primary Metal Industries	619.61	629.95	619.89	621.72	624.34	620.64	632.19	607.26	613.02	628.97	610.42	616.07	618.02
Blast Furnace and Basic Steel Products	634.38	634.13	637.87	645.75	640.01	634.48	661.81	637.24	635.71	625.35	611.33	614.47	633.28
Iron and Steel Foundries	647.67	698.89	654.40	647.36	661.62	662.52	644.36	598.12	618.30	664.50	638.24	634.51	637.38
Nonferrous Rolling and Drawing	656.92	658.80	640.42	631.76	652.21	645.24	655.23	649.79	658.03	699.49	675.75	687.74	637.70
Nonferrous Foundries	467.85	468.30	479.85	479.44	467.56	472.19	466.22	438.84	453.71	473.37	456.32	473.09	486.71
Fabricated Metal Products	508.09	516.17	510.00	509.22	509.65	514.61	505.91	498.42	490.28	523.13	507.78	512.68	502.80
Fabricated Structural Metal Products	452.77	444.11	436.17	435.11	440.90	447.95	453.36	444.80	451.68	456.12	462.68	493.29	467.67
Metal Forgings and Stampings	628.83	633.04	633.28	639.13	639.01	647.97	618.30	616.56	593.07	671.59	623.93	618.85	604.45
Industrial Machinery and Equipment	534.10	552.27	543.01	542.68	538.46	537.34	535.67	515.10	515.95	528.04	528.90	534.69	538.46
Construction and Related Machinery	442.54	431.26	441.08	438.13	443.39	439.52	444.96	420.79	433.36	442.95	446.89	460.78	467.87
Metalworking Machinery	527.77	542.92	536.07	528.35	527.01	521.12	524.81	514.04	514.17	520.78	528.06	539.40	537.75
Special Industry Machinery	518.07	511.31	514.30	519.14	516.40	514.80	524.57	485.90	503.73	517.87	528.75	529.74	543.27
General Industrial Machinery	579.44	582.03	580.28	584.77	577.71	584.33	592.74	563.98	570.14	578.78	598.13	567.38	578.92
Computer and Office Equipment	467.46	461.47	455.51	448.14	451.77	458.71	473.12	475.51	496.60	476.15	468.42	464.54	474.33
Refrigeration and Service Machinery	598.10	666.76	622.94	631.51	624.36	639.47	595.78	576.24	546.32	558.81	557.92	579.90	575.56
Electronic and Other Electric Equipment	459.95	472.49	462.04	459.95	457.60	457.19	455.67	445.21	457.73	458.97	460.37	462.31	462.44
Electrical Industrial Apparatus	443.16	453.88	445.99	451.10	448.49	444.69	440.32	430.08	432.37	439.45	442.37	447.81	442.85
Household Appliances	485.62	505.78	491.23	479.53	476.71	490.45	500.61	486.81	490.03	475.56	484.00	465.66	486.01
Electric Lighting and Wiring Equipment	469.45	487.55	477.02	478.67	481.63	469.09	462.35	438.90	464.44	462.80	467.93	474.26	466.43
Electronic Components and Accessories	345.27	376.21	367.16	360.73	346.92	340.71	339.89	323.93	335.38	337.02	339.08	339.06	334.15
Transportation Equipment	704.48	701.88	713.11	723.31	683.55	692.19	713.25	676.67	682.78	720.50	711.67	720.72	717.05
Motor Vehicles and Equipment	731.14	729.83	742.43	758.16	703.04	719.80	741.38	696.86	705.03	748.63	739.11	741.65	750.85
Aircraft and Parts	650.71	638.89	647.57	635.19	658.60	627.40	650.15	653.23	642.32	661.27	675.60	708.66	616.12
Instruments and Related Products	383.67	371.79	372.67	382.32	377.06	383.54	385.70	390.32	394.00	386.24	383.13	387.32	388.42
Measuring and Controlling Devices	379.60	370.54	366.66	377.55	378.24	379.69	377.55	389.35	391.68	380.84	379.35	381.24	381.24
Nondurable Goods[c]	478.19	473.63	473.47	471.33	473.82	473.10	481.74	474.44	478.40	484.15	482.69	484.68	485.62
Food and Kindred Products	458.39	441.08	440.18	448.93	455.20	454.69	468.26	462.42	468.42	458.05	457.03	467.58	473.18
Dairy Products	467.80	452.20	460.10	441.41	464.19	459.19	476.10	468.66	463.86	488.51	458.39	480.31	500.54
Preserved Fruits and Vegetables	487.10	487.18	483.81	496.29	485.20	463.32	491.31	488.64	506.04	460.37	486.03	491.82	520.22
Bakery Products	474.35	465.30	461.38	466.09	460.92	463.97	483.19	476.77	471.86	474.28	477.50	497.68	484.51
Apparel and Other Textile Products	299.06	314.03	304.59	303.72	298.24	297.38	296.91	292.93	288.10	300.27	296.83	298.30	294.08
Paper and Allied Products	499.49	505.52	491.89	496.87	494.76	486.21	494.33	495.35	496.50	514.15	498.18	501.78	518.97
Paperboard Containers and Boxes	431.88	448.21	423.52	427.23	424.20	423.90	430.61	419.92	431.34	435.50	439.13	437.42	442.12

See footnotes at end of table.

Ohio
Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a] (continued)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Miscellaneous Converted Paper Products	$450.82	$446.86	$442.83	$448.05	$447.72	$425.46	$439.38	$456.57	$442.30	$457.91	$452.02	$462.05	$491.89
Printing and Publishing	457.81	445.02	451.61	454.31	448.84	446.18	447.70	449.26	448.14	468.00	467.63	478.67	482.26
Newspapers	381.71	366.09	371.07	371.84	376.66	381.48	371.18	372.52	382.84	390.44	390.68	402.85	405.76
Commercial Printing	456.04	442.90	448.44	454.72	437.60	437.10	451.95	443.19	440.59	473.89	474.60	480.66	484.76
Chemicals and Allied Products	587.22	575.66	587.64	577.23	579.61	574.67	590.04	576.77	589.69	588.31	595.78	593.64	611.27
Plastics Materials and Synthetics	672.40	673.81	670.64	666.32	672.84	659.00	661.56	667.42	684.99	683.27	690.37	655.56	689.72
Rubber and Miscellaneous Plastics Products	446.05	459.11	450.02	441.42	444.37	450.71	459.67	445.82	444.56	451.78	440.15	440.35	433.54
Tires and Inner Tubes	697.97	659.34	666.44	693.73	698.60	696.76	730.79	712.40	724.16	691.51	683.11	700.44	718.60
Miscellaneous Plastics Products	431.15	450.55	442.21	426.59	428.64	438.60	445.36	427.87	423.12	435.93	417.99	416.98	414.06
Service-Producing Industries	......	......	......	......	......	......	......	......	......	......	......	......	......
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	590.40	569.21	561.19	568.83	575.91	577.13	592.02	599.46	601.95	612.16	606.10	596.14	615.04
Communications	561.38	540.71	532.73	535.86	545.48	552.00	572.36	576.80	587.88	590.36	571.05	572.27	561.60
Electric, Gas, and Sanitary Services	621.40	601.54	593.07	606.52	610.28	607.36	613.21	625.61	618.44	636.00	646.91	623.17	676.64
Wholesale Trade	404.15	399.45	398.04	397.41	398.58	402.34	400.92	405.97	407.29	408.72	407.29	409.11	410.69
Wholesale Trade-Durable Goods	393.35	389.86	389.26	387.66	387.22	391.17	389.39	393.51	395.69	398.11	397.49	396.87	402.19
Motor Vehicles, Parts, and Supplies	337.50	331.45	331.50	329.30	329.24	337.61	332.26	339.96	339.80	336.14	345.08	344.18	356.98
Metals and Minerals, Except Petroleum	457.07	465.25	453.90	442.47	443.31	454.12	450.24	451.26	458.34	467.57	464.45	464.03	463.14
Wholesale Trade-Nondurable Goods	422.08	415.35	414.57	414.85	417.76	421.01	421.69	424.91	427.10	427.19	423.06	428.97	423.94
Retail Trade[d]	174.71	170.61	170.89	172.06	172.35	174.17	175.39	177.51	176.61	175.51	174.84	175.06	179.09
General Merchandise Stores	183.39	176.75	177.17	177.31	180.76	181.48	183.23	186.00	185.02	186.34	184.11	180.76	200.57
Department Stores	188.79	182.25	184.03	183.90	186.84	188.14	188.69	190.51	190.09	190.90	189.22	183.86	206.27
Finance, Insurance, and Real Estate	342.16	342.58	343.53	341.90	339.47	339.90	339.93	339.74	339.45	340.91	344.88	347.23	346.41
Finance	318.35	317.15	317.42	316.09	317.82	317.13	318.13	319.01	316.83	317.84	320.98	320.91	320.87
Depository Institutions	272.36	273.98	272.03	270.02	271.74	271.02	271.61	274.46	271.04	271.00	273.52	273.72	274.12
Commercial Banks	270.68	274.15	273.34	269.65	270.66	269.74	268.53	271.48	268.54	268.76	269.83	271.45	272.20
Insurance	404.59	400.86	404.12	403.23	397.46	400.77	400.60	400.42	402.94	408.39	411.05	413.73	411.11
Insurance Carriers	391.29	385.83	391.22	391.58	387.50	388.64	389.64	388.29	390.72	393.70	394.80	396.90	396.55
Life Insurance	364.48	356.10	361.21	364.07	363.84	362.83	362.02	363.36	365.36	368.04	369.13	369.07	368.65
Fire, Marine, and Casuallty Insurance	414.74	402.20	409.94	408.46	408.33	411.20	414.20	414.29	417.87	418.38	422.11	423.70	425.20
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Business Services	215.92	208.53	210.49	209.19	213.34	211.40	214.37	217.83	215.68	215.20	220.75	225.98	226.56
Health Services	299.56	293.83	293.86	293.20	293.20	297.95	301.44	301.14	300.51	303.69	302.73	305.92	306.86
Nursing and Personal Care Facilities	195.92	189.00	189.37	191.81	192.13	192.78	196.24	199.39	196.25	199.71	198.77	202.88	202.25
Hospitals	353.06	346.50	346.29	346.54	346.45	348.08	351.43	355.45	356.10	361.78	358.34	362.19	362.84
Engineering and Management Services	448.58	429.01	436.69	437.78	438.75	452.09	443.07	447.34	457.35	459.20	453.26	457.54	473.37
Engineering and Architectural Services	617.83	588.17	593.06	606.53	597.60	629.32	615.44	615.35	622.76	625.12	628.31	624.44	659.56
Research and Testing Services	355.52	338.10	351.73	346.37	345.93	350.81	338.69	342.05	355.66	362.62	372.68	379.85	382.10

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [e] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-0 (1989)

Ohio

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	4700.6	4545.4	4548.4	4585.7	4670.3	4721.1	4754.8	4717.5	4714.1	4770.0	4781.5	4793.4	4805.3
Goods-Producing Industries	1315.1	1268.1	1261.6	1268.4	1299.1	1313.0	1332.2	1337.9	1340.3	1347.5	1343.8	1339.8	1330.1
Mining	18.9	19.4	18.9	18.8	18.8	18.7	19.1	19.1	19.2	19.1	18.8	18.5	18.3
Coal Mining	7.8	8.2	8.1	7.9	7.8	7.7	7.7	7.6	7.7	7.7	7.7	7.6	7.6
Oil and Gas Extraction	6.4	7.1	6.9	6.6	6.3	6.2	6.4	6.4	6.4	6.3	6.1	6.0	6.1
Construction	185.6	154.1	150.4	159.8	178.7	189.5	198.3	203.6	204.8	204.3	201.8	195.4	186.6
General Building Contractors	46.3	41.5	40.3	41.7	45.0	46.8	49.0	50.0	49.7	49.2	48.4	47.7	46.6
Nonresidential Building Construction	23.7	21.4	20.7	21.5	22.6	23.5	24.6	24.9	25.1	25.3	25.2	25.1	24.8
Heavy Construction, Except Building	22.7	15.5	14.8	16.8	21.7	24.4	25.7	26.6	27.0	27.4	27.5	24.3	20.8
Highway and Street Construction	8.0	4.1	3.8	4.7	7.5	9.4	10.1	10.4	10.5	10.5	9.9	8.8	6.6
Special Trade Contractors	116.6	97.1	95.3	101.3	112.1	118.4	123.6	127.0	128.1	127.7	125.8	123.4	119.3
Manufacturing	1110.6	1094.7	1092.3	1089.7	1101.6	1104.8	1114.8	1115.2	1116.3	1124.1	1123.3	1125.8	1125.1
Durable Goods[c]	747.3	736.9	735.6	732.4	742.7	744.3	750.3	749.1	749.0	754.3	755.5	758.9	758.3
Lumber and Wood Products	22.0	21.0	21.0	21.3	21.8	22.2	22.8	22.7	22.4	22.3	22.5	22.4	22.1
Millwork, Plywood and Structural Members	9.7	9.1	9.1	9.2	9.5	9.8	10.1	10.1	9.9	9.7	9.9	9.9	9.8
Furniture and Fixtures	15.4	14.9	15.0	15.1	15.1	15.2	15.7	15.8	15.7	15.8	15.7	15.6	15.6
Stone, Clay, and Glass Products	46.0	44.3	44.4	45.0	46.2	46.3	46.9	47.2	47.2	46.9	46.3	46.0	45.7
Primary Metal Industries	100.8	98.0	98.7	99.3	99.6	100.2	101.2	99.8	100.7	102.5	102.7	103.0	103.3
Blast Furnace and Basic Steel Products	46.1	45.3	45.6	45.7	45.8	46.1	46.4	46.2	46.2	46.4	46.2	46.3	46.4
Iron and Steel Foundries	19.9	19.3	19.2	19.4	19.2	19.4	19.7	19.7	19.9	20.6	20.8	20.9	21.0
Nonferrous Rolling and Drawing	17.5	16.8	17.1	17.2	17.4	17.5	17.8	16.5	17.4	17.9	17.9	18.0	18.1
Nonferrous Foundries	10.2	9.7	9.7	9.8	10.1	10.1	10.2	10.1	10.0	10.5	10.5	10.5	10.6
Fabricated Metal Products	135.2	131.7	131.9	132.6	134.2	134.9	136.3	135.6	135.5	136.8	137.0	137.5	138.2
Fabricated Structural Metal Products	29.2	28.3	27.7	27.6	28.0	28.5	29.1	29.7	29.9	30.1	30.2	30.3	30.5
Metal Forgings and Stampings	40.7	39.8	40.7	41.2	41.5	41.5	41.7	40.1	39.7	40.3	40.6	40.7	40.9
Industrial Machinery and Equipment	163.9	161.2	160.8	161.8	161.9	162.2	163.8	164.9	164.2	165.4	165.6	166.7	167.5
Construction and Related Machinery	13.7	13.4	13.4	13.3	13.3	13.4	13.7	13.9	14.0	13.9	14.0	14.1	14.2
Metalworking Machinery	47.3	47.5	47.2	47.5	46.9	47.0	47.3	47.6	47.3	47.4	47.2	47.2	47.5
Special Industry Machinery	16.5	16.2	15.8	16.1	16.2	16.2	16.4	16.5	16.7	16.9	16.8	17.1	17.1
General Industrial Machinery	25.6	24.9	25.0	25.1	25.1	25.3	25.5	26.1	26.0	26.2	26.0	26.2	26.2
Computer and Office Equipment	12.2	12.2	12.2	12.2	12.3	12.2	12.3	12.4	12.2	12.1	12.1	12.0	12.0
Refrigeration and Service Machinery	16.0	15.9	15.8	15.9	16.1	15.9	16.0	16.0	15.5	16.0	16.2	16.5	16.5
Electronic and Other Electric Equipment	80.0	79.8	79.6	79.5	79.2	79.5	79.3	79.9	79.9	80.6	80.3	80.9	81.3
Electrical Industrial Apparatus	12.1	11.6	11.6	11.7	11.7	11.8	11.9	12.1	12.3	12.5	12.5	12.5	12.5
Household Appliances	15.8	15.8	15.7	15.6	15.4	15.6	15.4	15.8	15.6	15.8	16.0	16.3	16.4
Electric Lighting and Wiring Equipment	17.1	17.4	17.5	17.5	17.4	17.3	17.2	17.0	16.9	16.9	16.8	16.7	16.8
Electronic Components and Accessories	11.2	11.0	11.0	11.1	11.0	11.0	11.2	11.2	11.4	11.5	11.3	11.4	11.5

See footnotes at end of table.

RS-790-1-0(1988)

Ohio

Nonagricultural Wage and Salary Employment, 1988[a] (continued)

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Transportation Equipment	142.8	145.7	144.0	137.2	144.0	143.0	143.2	141.9	141.7	142.3	143.7	144.8	142.7
Motor Vehicles and Equipment	96.0	95.8	95.2	95.7	96.1	95.8	96.3	95.0	94.8	95.4	97.1	98.1	96.6
Aircraft and Parts	38.2	40.9	39.9	32.7[f]	39.0	38.5	38.6	38.7	38.6	38.3	38.0	38.0	37.5
Instruments and Related Products	26.3	25.9	25.9	26.1	26.0	26.0	26.1	26.3	26.6	26.8	26.6	26.8	26.9
Measuring and Controlling Devices	16.1	15.9	15.8	15.9	15.8	15.9	15.9	16.0	16.3	16.3	16.2	16.4	16.4
Nondurable Goods[d]	363.4	357.8	356.7	357.4	358.9	360.5	364.5	366.1	367.3	369.8	367.8	366.9	366.8
Food and Kindred Products	62.5	61.1	60.5	60.9	60.8	61.1	62.3	63.5	64.8	66.1	64.0	62.7	62.6
Dairy Products	9.8	9.4	9.3	9.5	9.7	9.9	10.1	10.4	10.4	9.9	9.6	9.6	9.7
Preserved Fruits and Vegetables	11.2	11.1	10.8	10.8	10.7	10.6	10.9	10.8	12.0	13.7	12.0	10.9	10.6
Bakery Products	9.4	9.1	9.3	9.4	9.1	9.2	9.3	9.5	9.4	9.6	9.6	9.5	9.4
Apparel and Other Textile Products	15.4	15.1	15.1	15.1	15.2	15.3	15.3	15.2	15.4	15.7	15.6	15.7	15.8
Paper and Allied Products	37.4	37.0	36.9	36.9	37.1	37.2	37.5	37.8	37.6	37.8	37.8	37.6	37.9
Paperboard Containers and Boxes	13.3	13.1	13.0	13.0	13.1	13.2	13.3	13.6	13.5	13.6	13.6	13.5	13.5
Miscellaneous Converted Paper Products	12.0	11.8	11.8	11.8	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.2	12.3
Printing and Publishing	72.5	71.6	71.4	71.3	71.9	72.1	72.7	72.8	72.9	73.0	73.2	73.5	73.7
Newspapers	18.8	18.8	18.8	18.8	18.7	18.7	18.7	18.8	18.8	18.7	18.8	18.8	18.8
Commercial Printing	27.5	27.4	27.6	27.7	27.8	27.7	27.7	27.5	27.6	27.5	27.3	27.2	27.0
Chemicals and Allied Products	64.4	63.9	64.0	64.1	64.0	64.4	64.9	65.3	65.1	64.8	64.0	64.0	64.0
Plastics Materials and Synthetics	9.2	9.0	9.0	9.0	9.0	9.1	9.2	9.3	9.3	9.2	9.2	9.2	9.3
Rubber and Miscellaneous Plastics Products	93.4	91.6	91.8	91.8	92.5	92.8	93.7	93.3	93.5	94.5	95.2	95.6	95.1
Tires and Inner Tubes	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.7	14.6	14.5	14.7	14.6	14.4
Miscellaneous Plastics Products	56.4	55.1	55.2	55.2	55.6	55.8	56.4	56.0	56.3	57.2	57.8	58.1	57.9
Service-Producing Industries	3385.5	3277.3	3286.8	3317.3	3371.2	3408.1	3422.6	3379.6	3373.8	3422.6	3437.7	3453.7	3475.2
Transportation and Public Utilities	212.1	204.9	204.8	206.2	209.6	211.8	214.4	215.7	216.0	215.8	214.8	215.0	215.7
Transportation	122.5	116.8	116.8	117.9	120.9	122.8	124.4	124.9	125.1	125.3	124.6	124.7	125.3
Railroad Transportation	13.3	12.9	12.7	12.8	13.2	13.6	13.6	13.6	13.6	13.5	13.4	13.3	13.2
Trucking and Warehousing	74.8	72.0	72.4	73.1	73.9	74.6	75.5	76.5	76.4	76.0	75.4	75.5	76.3
Transportation by Air	12.1	11.7	11.8	11.8	11.8	11.9	12.1	12.3	12.4	12.5	12.2	12.4	12.6
Communications, Electric, Gas Services	89.6	88.1	88.1	88.3	88.7	89.1	90.1	90.8	90.9	90.4	90.2	90.3	90.4
Communications	47.2	46.8	46.8	46.8	46.8	46.9	47.2	47.4	47.4	47.5	47.6	47.6	47.7
Electric, Gas, and Sanitary Services	42.4	41.4	41.3	41.4	41.8	42.1	42.8	43.3	43.5	42.9	42.6	42.7	42.7
Wholesale Trade	256.4	249.5	249.6	251.2	254.4	256.0	258.2	259.2	258.6	258.6	259.8	260.6	261.6
Wholesale Trade-Durable Goods	162.7	158.9	159.0	159.8	161.3	162.1	163.6	164.3	164.0	164.2	164.9	165.2	165.6
Motor Vehicles, Parts, and Supplies	23.3	23.6	23.5	23.5	23.4	23.4	23.4	23.4	23.3	23.1	23.1	23.0	22.8
Professional and Commercial Equipment	30.9	29.9	30.1	30.1	30.5	30.5	30.7	31.1	31.2	31.4	31.5	31.7	31.8
Metals and Minerals, Except Petroleum	11.0	10.6	10.6	10[illegible]	10.8	10.8	11.0	11.2	11.1	11.2	11.4	11.3	11.4
Electrical Goods	18.3	18.1	18.2	18.2	18.2	18.3	18.4	18.4	18.3	18.2	18.3	18.5	18.4
Hardware, Plumbing and Heating Equipment	12.1	11.7	11.7	11.9	12.0	12.0	12.2	12.2	12.2	12.2	12.3	12.3	12.4

See footnotes at end of table.

Ohio

Nonagricultural Wage and Salary Employment, 1988[a] (continued)
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Machinery, Equipment, and Supplies	39.9	38.8	38.9	39.2	39.6	39.7	40.2	40.3	40.2	40.4	40.5	40.5	40.8
Wholesale Trade-Nondurable Goods	93.7	90.6	90.6	91.4	93.1	93.9	94.6	94.9	94.6	94.4	94.9	95.4	96.0
Groceries and Related Products	30.4	29.1	29.0	29.3	29.9	30.2	30.7	31.1	31.1	31.0	31.0	31.3	31.6
Retail Trade	877.4	845.7	836.2	844.3	867.9	881.6	890.5	885.8	890.6	889.0	885.7	897.2	914.2
Building Materials and Garden Supplies	33.7	30.4	30.3	31.6	34.4	35.8	36.4	35.1	34.6	34.3	34.0	33.9	34.1
Lumber and Other Building Materials	17.3	16.0	15.8	16.3	17.2	17.7	18.4	18.1	18.0	17.9	17.5	17.4	17.2
General Merchandise Stores	119.9	123.0	116.7	116.4	116.4	115.7	115.5	116.1	117.3	118.6	121.3	127.8	133.5
Department Stores	95.4	98.5	93.5	93.0	92.9	91.9	91.6	92.3	92.9	93.7	96.5	101.5	106.0
Variety Stores	13.8	13.2	12.8	12.9	13.2	13.4	13.5	13.6	14.0	14.5	14.3	14.9	15.3
Food Stores	138.6	135.6	135.0	135.3	137.2	138.4	140.7	140.2	140.1	139.7	138.9	140.1	142.4
Grocery Stores	122.2	119.6	119.5	119.5	121.0	122.0	124.0	123.8	123.6	123.2	122.6	123.1	124.7
Automotive Dealers and Service Stations	96.1	92.2	92.6	93.6	96.0	96.4	97.5	97.9	98.2	97.9	97.3	96.9	96.9
New and Used Car Dealers	43.1	41.6	41.7	42.2	43.0	43.2	43.7	43.8	43.8	43.8	43.7	43.6	43.2
Gasoline Service Stations	31.9	30.9	31.2	31.3	31.6	31.5	31.8	31.9	32.2	32.2	32.4	32.5	33.0
Apparel and Accessory Stores	44.8	43.5	42.4	42.8	43.2	43.8	44.1	43.7	45.0	45.1	45.4	47.7	50.8
Furniture and Homefurnishings Stores	30.5	30.5	29.9	29.9	30.0	30.1	30.3	29.9	30.1	30.4	31.0	31.6	32.5
Eating and Drinking Places	303.5	283.1	283.4	288.5	302.9	312.6	316.3	314.0	315.6	312.3	305.4	303.7	303.8
Miscellaneous Retail	110.2	107.5	105.8	106.2	107.8	108.7	109.6	108.9	109.5	110.6	112.5	115.5	120.2
Drug Stores and Proprietary Stores	30.2	29.4	29.2	29.5	30.4	30.7	31.2	30.6	30.4	30.4	30.1	30.3	30.6
Nonstore Retailers	20.3	20.3	20.1	20.0	19.6	19.5	19.6	19.8	20.1	20.5	20.8	21.8	22.0
Finance, Insurance, and Real Estate	249.0	244.6	244.7	246.1	248.1	249.1	252.1	252.2	252.1	250.6	249.0	249.0	249.8
Finance	118.3	117.3	117.2	117.7	118.3	118.3	119.4	119.0	118.9	118.4	117.8	118.1	118.8
Depository Institutions	89.3	87.8	87.7	88.1	89.0	89.3	90.5	90.0	90.0	89.7	89.2	89.5	90.3
Commercial Banks	62.0	61.0	61.0	61.3	62.1	62.2	62.9	62.4	62.3	62.1	61.9	62.1	62.6
Insurance	90.1	89.4	89.5	89.8	90.2	90.3	90.8	90.5	90.5	90.2	90.2	90.1	90.2
Insurance Carriers	69.5	69.2	69.3	69.4	69.6	69.7	69.9	69.8	69.6	69.5	69.3	69.3	69.3
Life Insurance	26.0	25.7	25.7	25.7	26.1	26.1	26.1	26.1	26.2	26.1	26.0	26.0	26.0
Fire, Marine, and Casualty Insurance	30.6	30.6	30.7	30.8	30.7	30.7	30.9	30.9	30.7	30.5	30.4	30.4	30.5
Real Estate	40.5	37.9	38.0	38.5	39.5	40.5	41.9	42.7	42.8	42.0	41.1	40.8	40.8
Services	1096.8	1040.5	1049.3	1061.3	1086.1	1098.0	1115.7	1115.0	1117.5	1126.1	1119.9	1115.7	1116.5
Hotels and Other Lodging Places	36.8	33.4	33.8	34.1	35.3	36.8	38.7	39.7	39.8	39.0	37.3	36.8	37.2
Personal Services	51.8	51.5	52.3	52.8	54.2	51.1	51.2	50.9	50.9	51.3	51.5	51.6	52.4
Business Services	189.8	176.9	177.9	179.9	181.3	186.2	191.2	194.7	196.6	197.3	198.3	198.0	198.9
Services to Buildings	31.2	29.8	30.3	30.6	31.2	31.5	32.0	31.8	32.1	32.1	31.0	30.9	30.7
Personnel Supply Services	63.9	56.2	56.7	58.6	58.0	62.0	64.9	67.1	68.5	68.2	68.6	68.6	69.2
Computer and Data Processing Services	22.3	21.0	21.0	21.1	21.3	21.6	22.1	22.5	22.6	23.0	23.4	23.6	23.9
Amusements, Including Motion Pictures	55.3	40.6	40.7	43.7	52.7	61.4	67.8	69.5	70.0	66.0	53.5	49.2	48.5

See footnotes at end of table.

Ohio
Nonagricultural Wage and Salary Employment, 1988^a (continued)
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Health Services	371.9	364.7	364.9	365.7	367.5	368.7	371.9	374.6	376.0	376.6	376.7	377.0	378.7
Nursing and Personal Care Facilities	81.3	79.7	79.8	79.9	80.5	80.8	81.3	82.1	82.5	82.8	82.3	82.1	82.3
Hospitals	182.6	181.1	181.1	181.3	180.9	181.0	182.5	183.7	184.0	184.0	183.7	183.9	184.4
Legal Services	27.4	26.4	26.5	26.7	26.8	27.0	27.9	28.1	28.0	27.8	27.9	27.9	28.1
Educational Services	61.5	62.2	66.1	66.2	65.8	62.0	57.2	49.9	48.2	60.4	66.5	68.1	66.0
Colleges and Universities	33.6	33.6	37.1	36.8	36.5	32.6	28.8	24.8	23.8	33.2	38.5	39.9	38.0
Social Services	69.3	67.2	67.6	68.1	69.1	69.3	68.8	68.7	69.0	70.3	70.8	71.1	71.6
Residential Care	20.6	19.5	19.6	19.9	20.1	20.3	20.6	20.9	21.2	21.2	21.2	21.2	21.5
Membership Organizations	77.0	74.9	75.4	76.4	76.3	76.6	78.6	78.0	78.3	77.1	77.2	77.1	77.3
Engineering and Management Services	81.7	77.4	78.6	79.5	81.5	80.8	82.9	82.6	83.0	83.1	83.2	83.6	84.4
Engineering and Architectural Services	23.7	22.1	22.1	22.5	23.0	23.3	23.8	24.1	24.3	24.4	24.5	24.8	25.2
Accounting, Auditing, and Bookkeeping	20.4	20.1	20.6	20.7	20.7	20.2	20.1	20.1	20.2	20.3	20.6	20.6	20.9
Research and Testing Services	18.8	17.8	18.2	18.5	18.9	19.0	19.4	19.4	19.3	19.1	18.7	18.7	18.7
Management and Public Relations	18.8	17.4	17.7	17.9	19.0	18.3	19.5	19.0	19.2	19.3	19.5	19.5	19.6
Government	693.8	692.1	702.1	708.3	705.2	711.6	691.7	651.8	639.0	682.4	708.3	716.2	717.4
Federal Government	94.8	94.3	94.3	94.5	94.4	94.2	94.6	94.7	94.8	94.6	94.8	95.7	96.3
U.S. Postal Service	34.9	34.5	34.7	34.9	34.9	34.9	34.9	34.7	34.8	34.7	34.7	35.0	35.8
State Government	155.3	154.2	159.4	162.7	162.3	162.2	153.7	140.1	136.0	144.3	160.7	163.3	164.4
State Government Hospitals	15.5	15.6	15.6	15.6	15.5	15.5	15.6	15.5	15.4	15.4	15.5	15.6	15.7
State Government Education[e]	80.6	80.2	86.5	88.7	87.8	87.7	77.9	63.1	59.7	69.4	87.0	89.7	90.2
Local Government	443.8	443.6	448.4	451.1	448.4	455.1	443.4	417.0	408.1	443.5	452.9	457.2	456.8
Local Government Hospitals	14.6	14.7	14.6	14.7	14.6	14.7	14.7	14.7	14.7	14.6	14.5	14.4	14.4
Local Government Education	257.8	262.3	267.2	269.8	265.7	270.2	253.0	223.0	215.7	256.4	267.2	271.8	271.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-0 (1988)

Ohio

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Goods-Producing Industries	$12.48	$12.29	$12.28	$12.32	$12.41	$12.46	$12.52	$12.42	$12.46	$12.59	$12.62	$12.67	$12.66
Mining	12.67	12.59	12.69	12.68	12.68	12.46	12.45	12.52	12.72	12.77	12.76	12.86	12.87
Coal Mining	15.60	15.35	15.27	15.48	15.49	15.31	15.38	15.57	15.83	15.79	15.81	15.89	16.04
Construction	15.03	15.04	15.06	14.86	14.65	14.83	14.94	15.03	15.05	15.17	15.19	15.16	15.18
General Building Contractors	13.41	13.15	13.15	13.05	13.24	13.42	13.53	13.19	13.64	13.53	13.66	13.78	13.54
Heavy Construction, Except Building	15.69	15.48	15.49	15.64	15.28	15.75	15.84	15.77	15.83	15.91	16.02	15.72	15.62
Special Trade Contractors	15.42	15.64	15.68	15.39	15.05	15.12	15.24	15.48	15.33	15.53	15.49	15.48	15.62
Manufacturing	11.99	11.85	11.85	11.90	12.01	12.00	12.04	11.87	11.90	12.04	12.07	12.16	12.19
Durable Goods[b]	12.40	12.22	12.26	12.30	12.42	12.41	12.47	12.24	12.29	12.47	12.50	12.61	12.61
Lumber and Wood Products	7.63	7.26	7.40	7.49	7.55	7.58	7.60	7.67	7.67	7.67	7.77	7.94	7.82
Millwork, Plywood and Structural Members	8.16	7.89	8.14	8.20	8.25	8.08	8.05	8.08	8.07	8.09	8.22	8.44	8.34
Furniture and Fixtures	8.98	8.80	8.89	8.90	8.82	8.92	8.87	8.94	9.15	9.14	8.99	9.14	9.20
Stone, Clay, and Glass Products	10.99	10.71	10.73	10.91	10.92	11.03	11.02	11.02	11.00	11.13	11.11	11.16	11.11
Primary Metal Industries	13.89	13.71	13.72	13.75	13.94	13.92	13.96	13.74	13.85	14.00	14.00	14.03	13.99
Blast Furnace and Basic Steel Products	14.20	14.03	14.19	14.14	14.15	14.20	14.22	14.17	14.25	14.34	14.24	14.22	14.27
Iron and Steel Foundries	14.40	14.34	14.02	14.26	14.63	14.46	14.50	13.86	14.12	14.40	14.56	14.72	14.82
Nonferrous Rolling and Drawing	14.94	14.48	14.34	14.43	15.01	14.93	15.14	14.95	14.96	15.23	15.24	15.23	15.17
Nonferrous Foundries	10.30	9.46	10.35	10.28	10.31	10.27	10.26	9.98	10.30	10.38	10.34	10.41	10.41
Fabricated Metal Products	11.99	11.77	11.89	11.93	12.09	12.02	12.14	11.82	11.84	11.99	12.05	12.13	12.14
Fabricated Structural Metal Products	10.78	10.83	10.78	10.68	10.74	10.71	10.70	10.74	10.70	10.82	10.90	10.88	10.87
Metal Forgings and Stampings	14.38	14.02	14.28	14.34	14.48	14.34	14.59	14.11	14.17	14.37	14.45	14.61	14.68
Industrial Machinery and Equipment	11.96	11.71	11.76	11.86	12.00	11.99	12.04	11.84	11.76	12.00	12.12	12.19	12.21
Construction and Related Machinery	10.39	10.18	10.21	10.30	10.21	10.20	10.31	10.28	10.31	10.62	10.59	10.77	10.60
Metalworking Machinery	11.59	11.58	11.58	11.49	11.53	11.44	11.46	11.48	11.47	11.61	11.74	11.82	11.84
Special Industry Machinery	11.43	11.39	11.27	11.27	11.45	11.42	11.44	11.52	11.31	11.63	11.47	11.43	11.54
General Industrial Machinery	12.73	12.29	12.49	12.47	12.83	12.91	12.90	12.50	12.55	12.73	12.74	12.98	13.22
Computer and Office Equipment	10.63	10.05	10.10	10.25	10.48	10.25	10.64	10.86	11.04	11.02	10.91	10.95	11.15
Refrigeration and Service Machinery	13.99	13.42	13.53	14.03	14.26	14.46	14.53	13.78	13.47	13.86	14.31	14.16	13.92
Electronic and Other Electric Equipment	11.15	11.24	11.24	11.14	11.16	11.16	11.11	11.04	11.08	11.15	11.10	11.18	11.23
Electrical Industrial Apparatus	10.34	10.28	10.44	10.42	10.36	10.31	10.29	10.14	10.25	10.35	10.28	10.33	10.53
Household Appliances	12.03	12.15	12.07	11.97	12.05	12.08	11.90	11.83	11.98	11.98	12.06	12.13	12.15
Electric Lighting and Wiring Equipment	11.52	11.39	11.48	11.38	11.62	11.61	11.61	11.38	11.54	11.38	11.48	11.62	11.75
Electronic Components and Accessories	8.84	8.80	8.83	8.90	8.95	8.91	8.90	8.79	8.80	8.81	8.81	8.80	8.83
Transportation Equipment	15.11	14.76	14.76	14.97	15.03	14.97	15.18	14.88	15.02	15.33	15.35	15.49	15.56
Motor Vehicles and Equipment	15.66	15.24	15.20	15.48	15.63	15.51	15.75	15.36	15.56	15.93	15.96	16.08	16.11
Aircraft and Parts	13.64	13.81	13.92	13.27	13.29	13.47	13.51	13.73	13.64	13.58	13.49	13.84	13.90
Instruments and Related Products	9.18	9.13	9.17	9.17	9.07	9.11	9.17	9.23	9.19	9.23	9.22	9.24	9.27
Measuring and Controlling Devices	9.24	9.17	9.26	9.31	9.14	9.18	9.21	9.29	9.26	9.20	9.23	9.29	9.31
Nondurable Goods[c]	11.05	11.00	10.94	10.99	11.06	11.02	11.03	11.06	11.03	11.07	11.08	11.11	11.20
Food and Kindred Products	10.62	10.61	10.61	10.70	10.68	10.59	10.55	10.65	10.76	10.48	10.46	10.68	10.70
Dairy Products	10.78	10.97	11.02	10.98	10.78	10.74	10.70	10.67	10.71	10.63	10.61	10.85	10.70
Preserved Fruits and Vegetables	11.06	10.76	11.11	11.08	11.33	11.07	11.17	11.13	11.40	10.39	10.85	11.31	11.44
Bakery Products	11.73	11.75	11.05	11.69	11.76	11.67	11.68	11.69	11.74	11.77	11.72	11.86	11.84
Apparel and Other Textile Products	7.64	7.68	7.51	7.56	7.54	7.63	7.67	7.57	7.59	7.66	7.70	7.77	7.81
Paper and Allied Products	11.22	11.20	11.07	11.09	11.22	11.07	11.22	11.24	11.19	11.40	11.34	11.26	11.36
Paperboard Containers and Boxes	10.17	10.14	10.03	10.06	10.08	10.13	10.23	10.11	10.27	10.32	10.26	10.19	10.28

See footnotes at end of table.

Ohio
Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a] (continued)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Miscellaneous Converted Paper Products	$10.04	$10.19	$9.91	$9.93	$10.18	$9.85	$10.00	$10.34	$10.00	$10.05	$10.04	$9.93	$10.06
Printing and Publishing	11.30	11.19	11.21	11.29	11.22	11.36	11.25	11.26	11.31	11.43	11.35	11.33	11.42
Newspapers	10.85	10.55	10.66	10.62	10.73	10.84	10.79	10.85	10.86	11.07	11.03	11.03	11.20
Commercial Printing	10.93	10.97	10.97	11.09	10.80	10.93	10.75	10.83	10.99	11.03	10.91	10.91	11.00
Chemicals and Allied Products	13.04	12.95	12.86	12.92	13.00	12.96	12.98	13.05	13.01	13.04	13.10	13.25	13.35
Plastics Materials and Synthetics	14.50	14.31	14.31	14.36	14.46	14.60	14.40	14.53	14.53	14.55	14.62	14.67	14.60
Rubber and Miscellaneous Plastics Products	10.37	10.33	10.26	10.26	10.41	10.43	10.40	10.32	10.25	10.43	10.41	10.46	10.49
Tires and Inner Tubes	14.71	14.54	14.53	14.62	14.77	14.87	14.77	14.71	14.79	14.79	14.64	14.68	14.83
Miscellaneous Plastics Products	10.06	9.99	9.91	9.93	10.12	10.10	10.09	9.98	9.87	10.13	10.10	10.16	10.27
Service-Producing Industries	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	13.90	13.75	13.67	13.84	13.75	13.79	13.81	13.91	14.08	14.09	14.03	14.11	13.97
Communications	13.59	13.46	13.46	13.50	13.45	13.41	13.47	13.52	13.85	13.84	13.69	13.81	13.58
Electric, Gas, and Sanitary Services	14.26	14.08	13.91	14.23	14.10	14.23	14.19	14.35	14.34	14.38	14.43	14.46	14.41
Wholesale Trade	9.99	9.76	9.86	9.86	9.88	9.88	9.98	10.00	10.03	10.12	10.16	10.14	10.16
Wholesale Trade-Durable Goods	9.73	9.58	9.64	9.64	9.71	9.68	9.82	9.78	9.81	9.91	9.92	9.92	9.91
Motor Vehicles, Parts, and Supplies	8.90	8.77	8.81	8.77	8.66	8.83	9.05	9.01	8.93	9.01	9.05	8.95	8.94
Metals and Minerals, Except Petroleum	10.34	10.22	10.17	10.17	10.27	10.18	10.46	10.10	10.31	10.36	10.52	10.53	10.72
Wholesale Trade-Nondurable Goods	10.36	10.11	10.24	10.25	10.20	10.24	10.27	10.39	10.42	10.48	10.57	10.52	10.60
Retail Trade[d]	5.88	5.82	5.81	5.88	5.87	5.84	5.82	5.85	5.82	5.89	5.90	5.95	5.99
General Merchandise Stores	6.26	6.28	6.21	6.25	6.27	6.23	6.23	6.29	6.21	6.34	6.32	6.26	6.23
Department Stores	6.40	6.42	6.35	6.40	6.41	6.38	6.37	6.44	6.37	6.48	6.48	6.41	6.37
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	10.25	10.21	10.21	10.20	10.21	10.18	10.19	10.23	10.21	10.28	10.27	10.36	10.41

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-0 (1988)

Ohio

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Goods-Producing Industries	42.4	42.1	41.7	42.0	42.3	42.3	42.7	41.9	42.0	42.7	42.9	43.1	43.0
Mining	43.2	44.4	42.9	42.7	42.8	42.7	43.5	43.1	43.6	43.3	43.3	43.2	42.8
Coal Mining	42.0	44.9	43.2	42.8	42.1	41.3	41.4	40.5	42.5	40.9	41.6	41.3	41.9
Construction	39.1	37.0	37.0	37.7	38.3	38.7	39.5	40.0	39.7	39.9	40.7	39.9	38.9
General Building Contractors	39.7	37.6	37.9	38.3	38.3	39.0	39.9	41.1	40.0	40.0	41.8	42.2	40.5
Heavy Construction, Except Building	40.9	38.5	38.2	39.4	41.0	41.7	42.9	42.3	42.9	41.9	43.2	39.8	39.2
Special Trade Contractors	38.1	36.5	36.3	37.0	37.6	37.9	38.5	39.0	38.7	39.3	39.6	39.0	38.2
Manufacturing	43.0	42.8	42.4	42.7	43.0	43.0	43.3	42.3	42.4	43.3	43.3	43.7	43.8
Durable Goods[b]	43.4	43.1	42.8	43.1	43.3	43.5	43.9	42.6	42.7	43.7	43.7	44.2	44.2
Lumber and Wood Products	40.8	39.0	38.7	40.3	40.9	40.9	41.3	41.2	41.1	41.5	41.7	42.1	40.3
Millwork, Plywood and Structural Members	41.4	39.0	38.2	41.0	41.0	41.6	42.6	42.7	42.3	41.7	42.4	42.2	41.7
Furniture and Fixtures	41.0	40.8	40.1	40.6	40.2	40.7	40.5	41.1	41.8	41.8	40.8	41.7	41.8
Stone, Clay, and Glass Products	42.8	42.0	42.5	43.0	42.6	43.1	43.3	42.4	42.4	43.1	43.0	43.3	42.5
Primary Metal Industries	45.1	44.8	44.5	44.5	45.3	45.5	46.0	44.2	44.7	45.2	44.9	45.6	45.5
Blast Furnace and Basic Steel Products	45.6	45.7	46.0	45.7	45.8	46.2	46.9	45.8	45.6	45.2	44.7	44.8	45.1
Iron and Steel Foundries	45.5	45.6	43.9	44.5	45.9	45.8	46.1	42.6	44.5	45.7	46.0	47.3	47.6
Nonferrous Rolling and Drawing	42.6	42.0	41.2	40.9	43.5	43.2	43.2	41.2	41.6	43.4	43.4	44.1	43.1
Nonferrous Foundries	44.9	43.6	44.2	44.6	45.0	45.2	45.8	42.9	44.7	45.9	44.6	46.8	45.1
Fabricated Metal Products	42.8	42.0	42.6	42.4	43.0	42.8	43.5	41.9	42.0	42.9	43.1	43.5	43.5
Fabricated Structural Metal Products	40.6	41.8	40.0	39.4	40.5	40.1	41.0	41.0	41.0	40.5	40.9	40.7	40.9
Metal Forgings and Stampings	44.6	43.2	44.2	44.5	45.6	45.2	46.0	43.1	43.5	44.4	44.6	45.3	44.9
Industrial Machinery and Equipment	44.0	43.3	43.5	43.7	44.0	43.9	44.1	43.7	43.2	44.2	44.3	44.7	45.0
Construction and Related Machinery	41.1	41.7	41.0	40.9	40.8	40.1	41.2	41.8	41.8	40.9	40.7	42.0	40.8
Metalworking Machinery	44.6	43.8	44.1	44.1	44.2	44.1	44.4	44.9	44.2	45.1	45.1	45.3	46.0
Special Industry Machinery	44.9	43.7	44.1	43.7	44.2	45.0	45.3	45.5	43.3	46.2	45.5	46.0	45.7
General Industrial Machinery	43.9	43.4	43.8	43.5	44.7	44.3	44.0	42.9	42.6	44.0	43.5	44.2	46.2
Computer and Office Equipment	42.1	42.6	41.6	41.7	40.8	41.4	41.5	43.3	43.0	42.6	42.5	41.9	43.2
Refrigeration and Service Machinery	43.5	42.4	41.8	43.4	43.8	45.1	45.6	42.9	42.2	43.7	44.9	44.4	42.2
Electronic and Other Electric Equipment	41.8	42.6	42.2	41.8	41.8	41.4	41.7	40.8	41.3	41.8	41.6	42.0	42.4
Electrical Industrial Apparatus	43.2	43.5	44.3	43.4	42.3	41.4	43.0	42.0	43.8	43.6	43.4	43.3	43.8
Household Appliances	40.7	42.2	41.2	39.9	40.6	40.6	40.3	40.1	40.2	40.7	40.3	41.5	41.2
Electric Lighting and Wiring Equipment	41.4	42.7	41.8	41.6	41.8	41.1	41.6	39.8	40.6	41.0	41.2	41.6	41.9
Electronic Components and Accessories	42.7	43.0	42.3	42.9	42.8	42.9	42.9	42.1	42.6	42.6	42.5	43.0	43.3
Transportation Equipment	44.6	43.9	43.3	44.2	44.0	45.2	45.4	42.9	43.4	45.5	45.5	46.2	46.3
Motor Vehicles and Equipment	45.1	43.8	42.9	44.5	45.0	45.9	46.1	42.9	43.9	46.3	46.1	46.9	47.1
Aircraft and Parts	43.9	45.4	45.4	43.7	41.2	43.3	43.8	43.5	42.0	43.8	44.2	45.1	45.3
Instruments and Related Products	40.3	39.6	39.5	40.2	39.6	39.6	40.2	40.3	40.0	40.7	41.0	41.0	41.3
Measuring and Controlling Devices	39.3	38.9	38.7	39.9	38.8	38.7	38.5	39.0	38.8	39.7	40.0	40.2	41.1
Nondurable Goods[c]	42.2	42.3	41.6	42.0	42.2	41.9	42.2	41.8	41.8	42.5	42.3	42.6	42.9
Food and Kindred Products	42.0	42.5	41.3	41.6	41.5	41.2	41.6	42.0	42.4	42.6	42.1	42.4	42.7
Dairy Products	43.0	43.4	43.3	43.1	42.3	42.1	43.3	43.6	42.8	42.9	42.4	44.0	43.4
Preserved Fruits and Vegetables	42.0	41.4	40.8	39.9	42.1	40.2	41.7	41.4	43.2	44.5	42.6	42.4	42.8
Bakery Products	39.9	40.5	40.2	39.7	39.3	39.7	40.2	39.9	39.7	39.4	39.9	40.7	39.8
Apparel and Other Textile Products	39.8	39.1	38.6	40.0	39.7	40.0	39.7	39.0	38.9	40.3	40.6	41.1	40.3
Paper and Allied Products	44.3	44.6	43.8	43.8	44.8	43.9	44.4	44.1	43.3	45.1	43.9	44.3	45.5
Paperboard Containers and Boxes	43.2	43.6	43.2	42.5	43.6	43.4	43.4	42.4	41.7	43.8	42.9	43.5	44.0

See footnotes at end of table.

Ohio

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a] (continued)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Miscellaneous Converted Paper Products	43.5	43.6	42.3	42.9	43.2	43.3	42.7	44.9	43.3	44.5	42.9	43.8	44.4
Printing and Publishing	39.4	38.8	38.7	39.6	39.3	39.2	39.2	39.1	39.4	39.6	39.5	39.7	40.6
Newspapers	34.4	34.0	33.1	34.4	34.5	34.6	34.8	34.2	34.1	34.6	34.6	35.2	35.2
Commercial Printing	40.8	39.7	40.3	41.5	40.8	40.2	40.1	39.9	40.9	41.5	41.2	41.3	42.5
Chemicals and Allied Products	42.5	42.7	41.9	42.4	42.3	41.8	42.7	42.6	42.3	42.7	42.4	42.9	42.9
Plastics Materials and Synthetics	43.9	43.8	42.8	42.9	43.3	42.8	43.7	43.3	43.7	44.4	44.7	45.3	45.3
Rubber and Miscellaneous Plastics Products	43.1	43.3	42.9	42.8	43.4	43.3	43.3	42.0	42.3	43.4	43.5	43.8	43.7
Tires and Inner Tubes	46.3	47.3	47.0	46.3	46.4	47.1	46.3	45.9	46.1	46.3	45.6	45.4	45.8
Miscellaneous Plastics Products	42.8	42.7	42.5	42.4	43.1	42.9	43.0	41.4	41.9	43.1	43.4	43.6	43.8
Service-Producing Industries	....	....	....	....	....	....	....	....	....	....	....	....	....
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.8	40.7	40.3	40.8	40.7	40.7	40.6	41.2	41.4	41.1	40.7	40.9	40.7
Communications	40.1	39.8	39.7	39.8	39.7	39.9	40.0	40.5	41.0	40.7	40.1	40.3	40.0
Electric, Gas, and Sanitary Services	41.7	41.7	41.1	41.9	41.9	41.7	41.4	42.1	41.9	41.5	41.5	41.7	41.5
Wholesale Trade	39.1	39.1	38.9	39.0	39.1	39.2	39.0	39.1	39.0	39.0	39.2	39.1	39.3
Wholesale Trade-Durable Goods	39.2	39.4	39.3	39.2	39.3	39.3	39.2	39.3	39.2	39.0	39.1	39.2	39.4
Motor Vehicles, Parts, and Supplies	37.7	38.2	37.8	37.8	37.8	38.4	37.7	38.1	37.3	37.5	37.1	37.2	37.3
Metals and Minerals, Except Petroleum	42.2	42.4	42.0	42.1	42.4	41.8	41.6	41.6	42.4	41.9	42.1	42.8	43.3
Wholesale Trade-Nondurable Goods	38.9	38.7	38.4	38.6	38.7	39.1	38.8	38.9	38.8	39.1	39.5	39.1	39.2
Retail Trade	28.5	27.8	27.7	28.0	28.2	28.2	28.8	29.2	29.1	28.6	28.5	28.4	29.3
General Merchandise Stores	28.0	27.2	26.9	27.3	27.9	28.0	28.3	28.4	28.1	27.9	27.7	28.0	30.8
Department Stores	28.3	27.3	26.9	27.4	28.1	28.1	28.4	28.6	28.4	28.2	28.0	28.2	31.2
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	33.2	33.1	33.0	33.1	33.1	33.1	33.2	33.6	33.3	33.4	33.2	33.0	32.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-0 (1988)

Ohio

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Goods-Producing Industries	$529.15	$517.41	$512.08	$517.44	$524.94	$527.06	$534.60	$520.40	$523.32	$537.59	$541.40	$546.08	$544.38
Mining	547.34	559.00	544.40	541.44	542.70	532.04	541.58	539.61	554.59	552.94	552.51	555.55	550.84
Coal Mining	655.20	689.22	659.66	662.54	652.13	632.30	636.73	630.59	672.78	645.81	657.70	656.26	672.08
Construction	587.67	556.48	557.22	560.22	561.10	573.92	590.13	601.20	597.49	605.28	618.23	604.88	590.50
General Building Contractors	532.38	494.44	498.39	499.82	507.09	523.38	539.85	542.11	545.60	541.20	570.99	581.52	548.37
Heavy Construction, Except Building	641.72	595.98	591.72	616.22	626.48	656.78	679.54	667.07	679.11	666.63	692.06	625.66	612.30
Special Trade Contractors	587.50	570.86	569.18	569.43	565.88	573.05	586.74	603.72	593.27	610.33	613.40	603.72	596.68
Manufacturing	515.57	507.18	502.44	508.13	516.43	516.00	521.33	502.10	504.56	521.33	522.63	531.39	533.92
Durable Goods[b]	538.16	526.68	524.73	530.13	537.79	539.84	547.43	521.42	524.78	544.94	546.25	557.36	557.36
Lumber and Wood Products	311.30	283.14	286.38	301.85	308.80	310.02	313.88	316.00	315.24	318.31	324.01	334.27	315.15
Millwork, Plywood and Structural Members	337.82	307.71	310.95	336.20	338.25	336.13	342.93	345.02	341.36	337.35	348.53	356.17	347.78
Furniture and Fixtures	368.18	359.04	356.49	361.34	354.56	363.04	359.24	367.43	382.47	382.05	366.79	381.14	384.56
Stone, Clay, and Glass Products	470.37	449.82	456.03	469.13	465.19	475.39	477.17	467.25	466.40	479.70	477.73	483.23	472.18
Primary Metal Industries	626.44	614.21	610.54	611.88	631.48	633.36	642.16	607.31	619.10	632.80	628.60	639.77	636.55
Blast Furnace and Basic Steel Products	647.52	641.17	652.74	646.20	648.07	656.04	666.92	648.99	649.80	648.17	636.53	637.06	643.58
Iron and Steel Foundries	655.20	653.90	615.48	634.57	671.52	662.27	668.45	590.44	628.34	658.08	669.76	696.26	705.43
Nonferrous Rolling and Drawing	636.44	608.16	590.81	590.19	652.94	644.98	654.05	615.94	622.34	660.98	661.42	671.64	653.83
Nonferrous Foundries	462.47	412.46	457.47	458.49	463.95	464.20	469.91	428.14	460.41	476.44	461.16	487.19	469.49
Fabricated Metal Products	513.17	504.93	506.51	505.83	519.87	514.46	528.09	495.26	497.28	514.37	519.36	527.66	528.09
Fabricated Structural Metal Products	437.67	452.69	431.20	420.79	434.97	429.47	438.70	440.34	438.70	438.21	445.81	442.82	444.58
Metal Forgings and Stampings	641.35	605.66	631.18	638.13	660.29	648.17	671.14	608.14	616.40	638.03	644.47	661.83	659.13
Industrial Machinery and Equipment	526.24	507.04	511.56	518.28	528.00	526.36	530.96	517.41	508.03	530.40	536.92	544.89	549.45
Construction and Related Machinery	427.03	424.51	418.61	421.27	416.57	409.02	424.77	429.70	430.96	434.36	431.01	452.34	432.48
Metalworking Machinery	516.91	507.20	510.68	506.71	509.63	504.50	508.82	515.45	506.97	523.61	529.47	535.45	544.64
Special Industry Machinery	513.21	497.74	497.01	492.50	506.09	513.90	518.23	524.16	489.72	537.31	521.89	525.78	527.38
General Industrial Machinery	558.85	533.39	547.06	542.45	573.50	571.91	567.60	536.25	534.63	560.12	554.19	573.72	610.76
Computer and Office Equipment	447.52	428.13	420.16	427.43	427.58	424.35	441.56	470.24	474.72	469.45	463.68	458.81	481.68
Refrigeration and Service Machinery	608.57	569.01	565.55	608.90	624.59	652.15	662.57	591.16	568.43	605.68	642.52	628.70	587.42
Electronic and Other Electric Equipment	466.07	478.82	474.33	465.65	466.49	462.02	463.29	450.43	457.60	466.07	461.76	469.56	476.15
Electrical Industrial Apparatus	446.69	447.18	462.49	452.23	438.23	426.83	442.47	425.88	448.95	451.26	446.15	447.29	461.21
Household Appliances	489.62	512.73	497.28	477.60	489.23	490.45	479.57	474.38	481.60	487.59	486.02	503.40	500.58
Electric Lighting and Wiring Equipment	476.93	486.35	479.86	473.41	485.72	477.17	482.98	452.92	468.52	466.58	472.98	483.39	492.33
Electronic Components and Accessories	377.47	378.40	373.51	381.81	383.06	382.24	381.81	370.06	374.88	375.31	374.43	378.40	382.34
Transportation Equipment	673.91	647.96	639.11	661.67	661.32	676.64	689.17	638.35	651.87	697.52	698.43	715.64	720.43
Motor Vehicles and Equipment	706.27	667.51	652.08	688.86	703.35	711.91	726.08	658.94	683.08	737.56	735.76	754.15	758.78
Aircraft and Parts	598.80	626.97	631.97	579.90	547.55	583.25	591.74	597.26	572.88	594.80	596.26	624.18	629.67
Instruments and Related Products	369.95	361.55	362.22	368.63	359.17	360.76	368.63	371.97	367.60	375.66	378.02	378.84	382.85
Measuring and Controlling Devices	363.13	356.71	358.36	371.47	354.63	355.27	354.59	362.31	359.29	365.24	369.20	373.46	382.64
Nondurable Goods[c]	466.31	465.30	455.10	461.58	466.73	461.74	465.47	462.31	461.05	470.48	468.68	473.29	480.48
Food and Kindred Products	446.04	450.93	438.19	445.12	443.22	436.31	438.88	447.30	456.22	446.45	440.37	452.83	456.89
Dairy Products	463.54	476.10	477.17	[illegible]	455.99	452.15	463.31	465.21	458.39	456.03	449.86	477.40	464.38
Preserved Fruits and Vegetables	464.52	445.46	453.29	442.09	476.99	445.01	465.79	460.78	492.48	462.36	462.21	479.54	489.63
Bakery Products	468.03	475.88	468.33	464.09	462.17	463.30	469.54	466.43	466.08	463.74	467.63	482.70	471.23
Apparel and Other Textile Products	304.07	300.29	289.89	302.40	299.34	305.20	304.50	295.23	295.25	308.70	312.62	319.35	314.74
Paper and Allied Products	497.05	499.52	484.87	485.74	502.66	485.97	498.17	495.68	484.53	514.14	497.83	498.82	516.88
Paperboard Containers and Boxes	439.34	442.10	433.30	427.55	439.49	439.64	443.98	428.66	428.26	452.02	440.15	443.27	452.32

See footnotes at end of table.

Ohio

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a] (continued)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Miscellaneous Converted Paper Products	$436.74	$444.28	$419.19	$426.00	$439.78	$426.51	$427.00	$464.27	$433.00	$447.23	$430.72	$434.93	$446.66
Printing and Publishing	445.22	434.17	433.83	447.08	440.95	445.31	441.00	440.27	445.61	452.63	448.33	449.80	463.65
Newspapers	373.24	358.70	352.85	365.33	370.19	375.06	375.49	371.07	370.33	383.02	381.64	388.26	394.24
Commercial Printing	445.94	435.51	442.09	460.24	440.64	439.39	431.08	432.12	449.49	457.75	449.49	450.58	467.50
Chemicals and Allied Products	554.20	552.97	538.83	547.81	549.90	541.73	554.25	555.93	550.32	556.81	555.44	568.43	572.72
Plastics Materials and Synthetics	636.55	626.78	612.47	616[illegible]	626.12	624.88	629.28	629.15	634.96	646.02	653.51	664.55	661.38
Rubber and Miscellaneous Plastics Products	446.95	447.29	440.15	439.13	451.79	451.62	450.32	433.44	433.58	452.66	452.84	458.15	458.41
Tires and Inner Tubes	681.07	687.74	682.91	676.91	685.33	700.38	683.85	675.19	681.82	684.78	667.58	666.47	679.21
Miscellaneous Plastics Products	430.57	426.57	421.18	421.03	436.17	433.29	433.87	413.17	413.55	436.60	438.34	442.98	449.83
Service-Producing Industries	......	......	......	......	......	......	......	......	......	......	......	......	......
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	567.12	559.63	550.90	564.67	559.63	561.25	560.69	573.09	582.91	579.10	571.02	577.10	568.58
Communications	544.96	535.71	534.36	537.30	533.97	535.06	538.80	547.56	567.85	563.29	548.97	556.54	543.20
Electric, Gas, and Sanitary Services	594.64	587.14	571.70	596.24	590.79	593.39	587.47	604.14	600.85	596.77	598.85	602.98	598.02
Wholesale Trade	390.61	381.62	383.55	384.54	386.31	387.30	389.22	391.00	391.17	394.68	398.27	396.47	399.29
Wholesale Trade-Durable Goods	383.38	377.45	378.85	377.89	381.60	380.42	384.94	384.35	384.55	386.49	387.87	388.86	390.45
Motor Vehicles, Parts, and Supplies	335.53	335.01	333.02	331.51	327.35	339.07	341.19	343.28	333.09	337.88	335.76	332.94	333.46
Metals and Minerals, Except Petroleum	436.35	433.33	427.14	428.16	435.45	425.52	435.14	420.16	437.14	434.08	442.89	450.68	464.18
Wholesale Trade-Nondurable Goods	403.00	391.26	393.22	395.65	394.74	400.38	398.48	404.17	404.30	409.77	417.52	411.33	415.52
Retail Trade[d]	167.58	161.80	160.94	164.64	165.53	164.69	167.62	170.82	169.36	168.45	168.15	168.98	175.51
General Merchandise Stores	175.28	170.82	167.05	170.63	174.93	174.44	176.31	178.64	174.50	176.89	175.06	175.28	191.88
Department Stores	181.12	175.27	170.82	175.36	180.12	179.28	180.91	184.18	180.91	182.74	181.44	180.76	198.74
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	......	......	......	......	......	......	......	......	......	......	......	......	......
Depository Institutions	267.25	265.36	263.84	265.72	267.68	266.16	270.07	270.02	268.98	266.43	267.12	266.36	269.12
Insurance	......	......	......	......	......	......	......	......	......	......	......	......	......
Insurance Carriers	373.46	362.58	365.36	369.13	373.14	372.58	372.13	372.59	373.62	377.72	379.26	378.66	384.37
Life Insurance	341.40	331.87	336.40	336.11	338.45	341.68	340.44	341.40	342.95	346.29	345.56	346.86	348.78
Fire, Marine, and Casualty Insurance	389.15	371.07	377.01	381.49	384.37	386.81	388.53	390.24	391.88	395.14	398.43	400.24	404.95
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	340.30	337.95	336.93	337.62	337.95	336.96	338.31	343.73	339.99	343.35	340.96	341.88	341.45

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-0 (1988)

Ohio

Nonagricultural Wage and Salary Employment, 1979–1987[a]

(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	4484.8	4367.4	4317.7	4124.3	4092.5	4260.2	4372.9	4471.4	4582.6
Goods-Producing Industries	1596.8	1462.5	1417.0	1264.8	1223.4	1299.7	1304.3	1293.1	1296.2
Mining	31.6	30.7	30.7	30.3	26.6	27.8	26.1	22.6	20.9
Coal Mining	17.1	15.3	13.1	13.3	11.1	11.7	10.8	10.1	9.1
Oil and Gas Extraction	.....	.....	.....	.....	11.2	11.7	10.8	7.9	7.1
Construction	182.9	167.4	153.7	134.6	130.8	144.8	154.0	160.7	176.4
General Building Contractors	48.2	41.8	37.0	31.2	32.0	35.9	38.3	40.6	44.6
Nonresidential Building Construction	.....	.....	.....	.....	18.6	20.5	21.0	21.4	22.7
Heavy Construction, Except Building	28.2	25.3	24.1	22.9	18.8	19.5	19.6	19.8	22.3
Special Trade Contractors	.....	.....	.....	.....	80.0	89.4	96.1	100.3	109.6
Manufacturing	1382.3	1264.3	1232.6	1099.9	1066.0	1127.0	1124.2	1109.8	1098.9
Durable Goods[c]	978.1	880.3	858.2	750.5	721.9	771.7	767.0	751.0	738.9
Lumber and Wood Products	16.8	14.9	14.5	13.2	14.7	16.5	17.8	18.9	20.7
Millwork, Plywood and Structural Members	.....	.....	.....	.....	5.9	6.7	7.4	8.4	9.5
Furniture and Fixtures	17.7	15.6	14.9	13.5	13.7	15.2	14.7	14.6	14.6
Stone, Clay, and Glass Products	67.0	62.0	58.6	52.1	50.2	50.5	48.5	47.5	46.5
Primary Metal Industries	158.9	139.8	138.3	112.7	104.1	108.9	101.8	95.4	95.8
Blast Furnace and Basic Steel Products	84.0	73.1	72.6	58.0	51.7	52.1	45.8	42.4	43.4
Iron and Steel Foundries	33.9	28.7	28.5	23.3	20.4	22.1	21.3	20.2	19.4
Nonferrous Rolling and Drawing	20.7	19.4	19.8	17.1	18.1	18.8	18.7	17.7	17.1
Nonferrous Foundries	.....	.....	.....	.....	8.3	9.2	9.2	8.7	9.2
Fabricated Metal Products	175.3	157.5	154.8	134.9	129.8	138.8	139.7	136.8	133.4
Fabricated Structural Metal Products	38.2	36.9	35.2	30.9	27.9	27.9	28.5	28.5	28.4
Metal Forgings and Stampings	52.2	44.0	44.8	37.8	39.1	44.5	44.3	43.3	42.0
Industrial Machinery and Equipment	232.1	219.2	211.8	183.4	160.1	173.1	171.7	163.9	160.3
Construction and Related Machinery	29.4	26.8	25.7	21.3	16.8	16.5	15.2	13.1	12.7
Special Industry Machinery	23.3	22.4	20.5	17.6	15.9	17.8	17.4	16.3	16.0
Computer and Office Equipment	.....	.....	.....	.....	11.6	12.5	12.7	12.7	12.5
Refrigeration and Service Machinery	.....	.....	.....	.....	15.7	17.1	17.0	16.3	16.3
Electronic and Other Electric Equipment	106.8	96.5	92.3	84.7	81.7	85.4	83.2	82.0	79.9
Household Appliances	22.3	18.2	17.7	15.3	16.1	17.0	16.7	16.9	16.4
Electric Lighting and Wiring Equipment	23.3	21.0	20.0	18.6	18.4	19.3	18.4	18.0	17.3
Electronic Components and Accessories	10.0	9.7	8.9	8.3	8.2	9.6	9.5	10.1	10.6
Transportation Equipment	165.3	138.6	136.4	121.1	131.6	144.4	150.6	153.2	148.3
Motor Vehicles and Equipment	120.1	90.5	91.1	78.0	87.4	97.5	99.3	98.2	95.0
Aircraft and Parts	34.3	37.4	36.0	34.9	35.9	38.2	42.4	45.7	44.0
Instruments and Related Products	22.9	22.4	23.4	21.9	22.9	24.8	24.8	24.9	25.1
Nondurable Goods[d]	404.2	384.1	374.4	349.4	344.1	355.4	357.3	358.8	360.0
Food and Kindred Products	74.4	72.7	69.2	66.9	63.4	62.8	62.9	63.0	63.1
Dairy Products	12.2	11.9	11.6	10.9	10.1	9.8	9.7	10.0	10.0
Preserved Fruits and Vegetables	.....	.....	.....	.....	10.2	10.6	11.0	11.0	11.1
Bakery Products	13.2	12.5	11.0	10.3	9.5	8.7	8.8	8.8	9.1
Apparel and Other Textile Products	18.6	17.1	17.3	16.4	16.3	17.2	16.9	16.3	15.5

See footnotes at end of table.

Ohio

Nonagricultural Wage and Salary Employment, 1979–1987[a] (continued)

(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Paper and Allied Products	39.4	38.5	38.1	35.5	34.9	36.7	37.0	37.0	36.9
Paperboard Containers and Boxes	14.2	13.3	12.9	11.6	11.5	12.1	12.3	12.5	12.8
Miscellaneous Converted Paper Products	11.8	12.0	11.9	11.5	11.4	12.2	12.0	11.9	11.9
Printing and Publishing	67.6	67.4	66.1	63.2	62.8	65.1	66.8	68.4	70.5
Newspapers	20.3	20.0	19.5	18.7	17.9	18.1	18.5	18.9	19.2
Commercial Printing	25.7	25.7	25.0	22.9	22.6	23.9	24.9	25.9	26.4
Chemicals and Allied Products	68.4	68.3	67.7	65.5	63.4	62.7	62.8	62.8	63.4
Plastics Materials and Synthetics	10.6	10.1	9.6	9.1	8.8	8.7	8.4	8.0	8.3
Rubber and Miscellaneous Plastics Products	109.3	95.1	91.4	82.4	84.5	92.7	93.3	94.5	93.6
Tires and Inner Tubes	30.9	27.8	24.4	22.0	20.2	20.3	19.9	18.3	16.6
Miscellaneous Plastics Products	51.4	44.3	44.0	39.5	43.0	49.3	50.9	53.7	54.7
Service-Producing Industries	2888.0	2904.9	2900.7	2859.5	2869.2	2960.5	3068.5	3178.4	3286.4
Transportation and Public Utilities	232.1	223.1	217.2	206.8	198.5	203.9	202.7	203.4	207.8
Transportation	139.0	128.0	120.9	110.2	105.3	111.8	112.5	113.4	118.3
Railroad Transportation	31.8	29.1	26.3	22.9	18.9	18.6	17.0	15.6	14.0
Trucking and Warehousing	84.0	75.4	71.1	63.8	62.7	67.5	68.5	68.9	72.8
Communications, Electric, Gas Services	93.0	95.0	96.2	96.6	93.2	92.1	90.2	90.1	89.5
Communications	53.9	54.6	55.2	55.1	52.8	52.1	49.5	48.3	47.5
Electric, Gas, and Sanitary Services	39.1	40.4	41.0	41.5	40.4	40.1	40.7	41.7	42.0
Wholesale Trade	234.0	231.7	233.6	227.1	223.6	237.9	245.1	245.7	249.4
Wholesale Trade-Durable Goods	152.9	150.4	151.0	144.4	140.8	151.4	156.3	156.0	157.6
Motor Vehicles, Parts, and Supplies	24.5	22.8	22.4	21.7	21.7	23.3	24.0	23.5	23.0
Metals and Minerals, Except Petroleum	.....	.....	.....	.....	9.2	9.9	10.1	10.0	10.3
Electrical Goods	17.9	18.8	19.1	18.8	18.6	19.9	20.3	19.6	18.7
Hardware, Plumbing and Heating Equipment	11.0	11.0	11.4	10.8	10.5	11.2	10.8	10.9	11.5
Wholesale Trade-Nondurable Goods	81.1	81.4	82.6	82.7	82.8	86.6	88.9	89.7	91.8
Groceries and Related Products	23.5	23.8	24.6	25.3	25.8	26.8	27.7	28.3	29.1
Retail Trade	741.2	725.5	716.5	702.3	709.9	746.8	786.5	817.1	846.9
Building Materials and Garden Supplies	.....	.....	.....	.....	25.2	26.9	29.5	30.6	32.1
Lumber and Other Building Materials	.....	.....	.....	.....	11.9	12.8	14.4	15.5	16.5
General Merchandise Stores	129.1	124.0	119.8	115.0	111.6	114.6	114.7	115.3	119.2
Department Stores	109.0	104.9	101.5	97.9	95.3	97.6	96.5	94.8	96.4
Food Stores	117.0	117.6	117.4	116.0	117.2	120.4	125.4	128.3	132.3
Grocery Stores	.....	.....	.....	.....	101.5	104.0	108.3	111.5	116.5
Automotive Dealers and Service Stations	88.8	78.1	76.2	76.0	76.2	81.9	86.6	90.7	92.9
New and Used Car Dealers	.....	.....	.....	.....	31.1	34.8	37.9	40.9	41.8
Gasoline Service Stations	.....	.....	.....	.....	27.3	27.9	29.2	29.8	30.5
Apparel and Accessory Stores	37.0	35.7	35.1	33.5	33.9	35.1	37.1	39.0	42.0
Furniture and Homefurnishings Stores	.....	.....	.....	.....	22.1	24.4	27.0	29.0	30.0
Eating and Drinking Places	.....	.....	.....	.....	242.7	257.9	274.2	288.1	296.5
Miscellaneous Retail	.....	.....	.....	.....	81.0	85.7	92.0	96.2	102.0
Drug Stores and Proprietary Stores	.....	.....	.....	.....	23.1	24.3	25.8	26.7	28.0
Nonstore Retailers	.....	.....	.....	.....	13.9	14.3	15.0	15.9	18.1

See footnotes at end of table.

Ohio

Nonagricultural Wage and Salary Employment, 1979–1987[a] (continued)

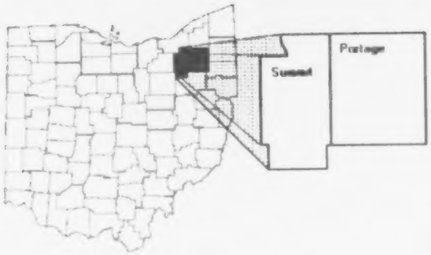
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Finance, Insurance, and Real Estate	200.6	203.8	205.8	206.4	207.8	211.5	219.3	232.3	243.8
Finance	.....	.....	.....	.....	101.4	104.1	107.2	112.0	116.4
Insurance	.....	.....	.....	.....	74.8	74.9	77.4	83.5	88.5
Insurance Carriers	57.9	58.3	59.1	59.2	58.1	57.6	59.2	64.0	68.4
Life Insurance	.....	.....	.....	.....	23.0	21.9	22.5	24.3	25.7
Fire, Marine, and Casualty Insurance	.....	.....	.....	.....	27.2	27.3	27.7	28.7	30.2
Real Estate	.....	.....	.....	.....	31.6	32.6	34.7	36.8	38.9
Services	806.2	830.9	851.6	857.3	873.3	905.2	949.5	1001.0	1051.2
Hotels and Other Lodging Places	31.3	30.6	31.2	29.3	29.4	31.0	32.5	33.6	34.6
Personal Services	43.5	43.6	43.9	42.7	43.1	45.1	47.7	49.7	51.8
Business Services	.....	.....	.....	.....	.....	.....	.....	.....	.....
Services to Buildings	.....	.....	.....	.....	21.8	23.6	25.9	27.9	29.8
Personnel Supply Services	.....	.....	.....	.....	25.2	34.8	41.7	49.2	57.1
Computer and Data Processing Services	.....	.....	.....	.....	11.4	13.0	15.8	17.5	19.3
Amusements, Including Motion Pictures	.....	.....	.....	.....	47.6	48.6	50.1	51.5	53.3
Health Services	264.9	281.1	297.6	312.3	319.0	322.1	329.9	344.5	360.2
Nursing and Personal Care Facilities	.....	.....	.....	.....	63.6	67.3	71.7	76.2	79.3
Hospitals	150.2	157.9	165.5	173.0	174.2	168.3	165.9	170.1	177.4
Legal Services	.....	.....	.....	.....	20.8	21.7	22.7	24.2	25.9
Educational Services	.....	.....	.....	.....	57.7	58.3	59.0	60.1	60.9
Colleges and Universities	.....	.....	.....	.....	31.4	32.7	32.3	32.7	33.0
Social Services	.....	.....	.....	.....	46.1	50.3	52.8	57.7	65.7
Residential Care	.....	.....	.....	.....	14.0	15.2	16.1	17.0	18.7
Government	674.0	689.9	676.0	659.6	656.1	655.2	665.2	678.9	687.3
Federal Government	90.6	93.3	89.8	89.0	88.6	89.4	92.1	94.0	94.8
U.S. Postal Service	30.8	30.4	29.9	29.8	29.6	30.5	32.0	34.0	34.6
State Government	138.1	141.8	140.7	139.7	140.1	140.5	142.9	148.4	152.7
State Government Education[e]	67.0	69.3	68.7	68.6	69.8	71.4	73.2	76.6	78.7
Local Government	445.3	454.8	445.5	430.9	427.3	425.2	430.3	436.6	439.8
Local Government Education	252.8	258.5	255.3	247.0	243.1	241.7	245.5	250.9	254.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS 790-1-0 (1979-1987)

Akron Primary Metropolitan Statistical Area



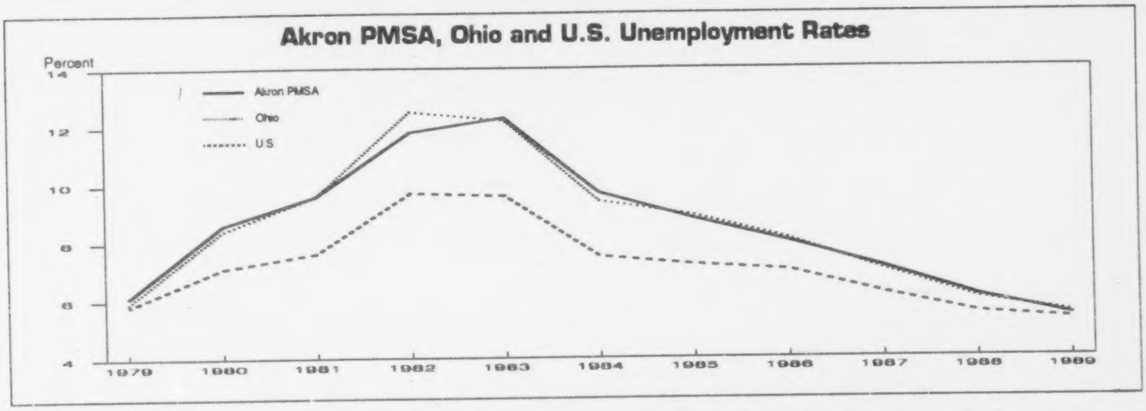
The estimated annual average civilian labor force in the Akron metropolitan area, distributed by place of residence, advanced 8,100 from 1988 to 333,000 in 1989. Total employment gained 9,900 jobs over the year to 315,100, while unemployment declined 1,900. The unemployment rate dropped from 6.1 percent in 1988 to 5.4 percent in 1989. (See table below.)

Nonagricultural wage and salary employment rose 3.5 percent, or 9,500, above the 1988 level to 282,200 in 1989. Employment in service-producing industries advanced 7,600 to 203,900. Leading areas of expansion were services (+4,500) and retail trade (+1,600). Noteworthy growth also occurred in wholesale trade. Employment in finance, insurance, and real estate declined slightly. The workforce in goods-producing industries, at 78,300, rose 1,900 over the year primarily due to improvements in manufacturing. Increased production in rubber and miscellaneous plastics products and in industrial machinery and equipment overshadowed a reduction in transportation equipment. Construction employers added 300 jobs during the period.

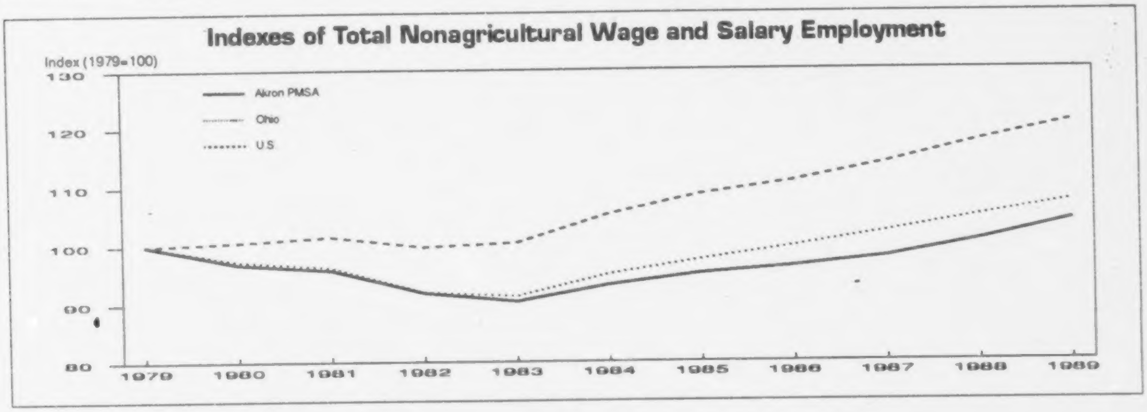
Akron PMSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
[Employed and Unemployed in Thousands]

Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment	Goods–Producing Industries	Service–Producing Industries
			PMSA	Ohio	U.S.				
303.8	285.4	18.4	6.1	5.9	5.8	1979	270.9	95.3	175.6
304.5	278.3	26.2	8.6	8.4	7.1	1980	262.4	87.6	174.8
304.1	275.0	29.1	9.6	9.6	7.6	1981	259.5	84.0	175.5
303.9	268.0	35.9	11.8	12.5	9.7	1982	248.8	76.0	172.9
302.5	265.2	37.3	12.3	12.2	9.6	1983	244.7	72.8	171.9
316.5	285.8	30.6	9.7	9.4	7.5	1984	252.2	76.2	176.0
317.8	289.9	28.0	8.8	8.9	7.2	1985	257.6	77.2	180.4
320.4	294.8	25.6	8.0	8.1	7.0	1986	260.7	76.4	184.3
320.3	297.5	22.7	7.1	7.0	6.2	1987	265.1	76.1	189.0
324.9	305.2	19.7	6.1	6.0	5.5	1988	272.7	76.4	196.3
333.0	315.1	17.8	5.4	5.5	5.3	1989	282.2	78.3	203.9

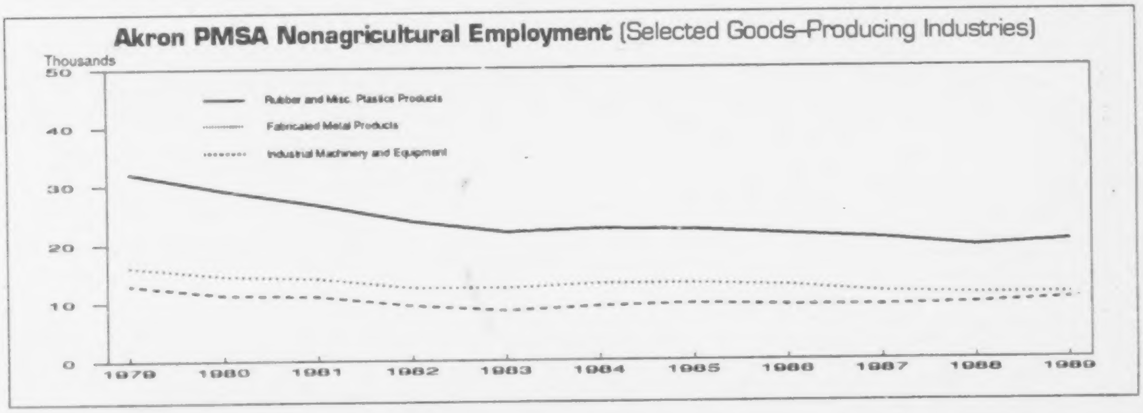
[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.



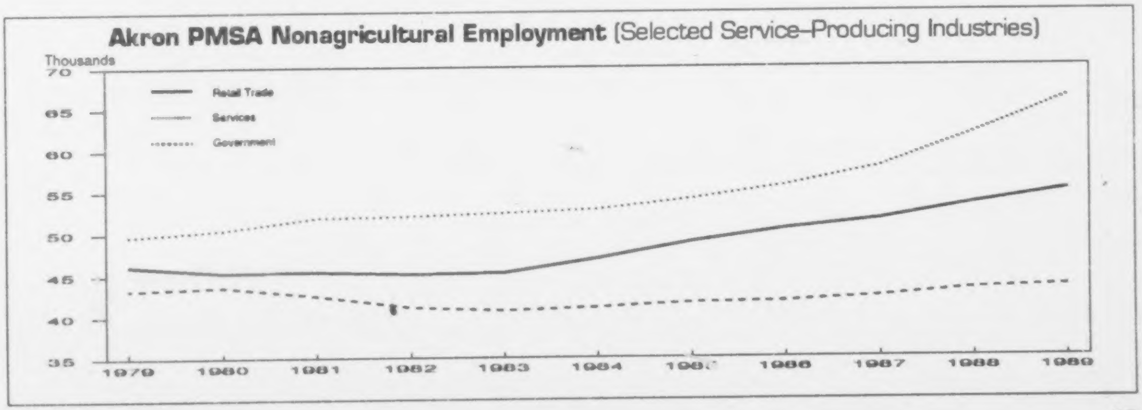
Akron PMSA, Ohio and U.S. Unemployment Rates



Indexes of Total Nonagricultural Wage and Salary Employment



Akron PMSA Nonagricultural Employment (Selected Goods-Producing Industries)



Akron PMSA Nonagricultural Employment (Selected Service-Producing Industries)

Akron MSA

Nonagricultural Wage and Salary Employment, 1989[a]

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	282.2	267.3	271.9	278.8	281.2	284.9	283.0	281.6	281.6	289.1	288.5	289.1	289.4
Goods-Producing Industries[b]	78.3	75.7	75.6	76.7	77.8	78.6	79.6	80.0	79.6	79.7	79.5	78.9	78.2
Construction	10.0	8.5	8.4	8.6	9.5	10.0	10.7	10.9	11.0	11.0	10.9	10.5	9.9
Manufacturing	67.7	66.6	66.7	67.5	67.7	68.1	68.4	68.5	68.0	68.1	67.9	67.8	67.7
Durable Goods[c]	34.9	34.6	34.6	34.7	35.0	35.1	35.1	35.0	34.7	35.1	35.0	35.0	35.0
Fabricated Metal Products	11.1	10.9	10.9	11.0	11.1	11.1	11.0	10.8	11.0	11.2	11.3	11.2	11.1
Fabricated Structural Metal Products	4.8	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9
Industrial Machinery and Equipment	10.2	9.9	9.9	9.9	10.2	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3
Metalworking Machinery	3.8	3.7	3.7	3.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Electronic and Other Electric Equipment	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.5
Transportation Equipment	5.2	5.5	5.5	5.3	5.3	5.3	5.3	5.3	5.0	5.0	4.9	4.9	4.9
Nondurable Goods[d]	32.8	32.0	32.1	32.8	32.7	32.9	33.2	33.5	33.4	33.0	32.9	32.8	32.7
Food and Kindred Products	3.0	3.0	3.0	3.0	2.9	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.1
Chemicals and Allied Products	3.7	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.6	3.6	3.6	3.6
Rubber and Miscellaneous Plastics Products	20.1	19.5	19.5	20.2	20.1	20.2	20.4	20.5	20.3	20.3	20.2	20.3	20.1
Tires and Inner Tubes	11.0	10.4	10.4	11.0	11.2	11.2	11.3	11.3	11.2	11.2	11.2	11.1	11.1
Service-Producing Industries	203.9	191.6	196.4	202.1	203.4	206.2	203.4	201.6	201.9	209.4	209.0	210.2	211.2
Transportation and Public Utilities	13.1	12.7	12.8	12.9	13.0	13.1	13.1	13.1	13.2	13.3	13.3	13.3	13.3
Communications, Electric, Gas Services	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.7
Wholesale Trade	15.5	15.2	15.3	15.5	15.3	15.4	15.5	15.5	15.5	15.5	15.7	15.8	15.8
Retail Trade	55.0	52.3	52.3	54.0	54.5	55.0	55.2	55.1	55.3	55.8	56.0	57.1	57.9
General Merchandise Stores	7.4	6.4	6.2	7.3	7.5	7.3	7.3	7.3	7.3	7.4	7.7	8.3	8.6
Food Stores	9.1	8.7	8.7	8.7	8.8	9.0	9.1	9.2	9.2	9.2	9.2	9.4	9.5
Finance, Insurance, and Real Estate	10.4	10.1	10.1	10.2	10.3	10.4	10.5	10.5	10.7	10.7	10.6	10.6	10.5
Finance	5.3	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Services	66.3	62.1	62.3	63.2	64.4	66.0	68.8	69.1	69.1	69.2	67.2	66.9	67.1
Business Services	11.2	10.3	10.3	10.5	10.8	10.9	11.3	11.5	11.7	11.7	11.8	11.6	11.7
Personnel Supply Services	3.1	2.8	2.7	2.9	3.0	3.0	3.1	3.2	3.4	3.3	3.3	3.3	3.3
Amusements, Including Motion Pictures	5.9	3.9	3.9	4.1	5.0	6.2	7.8	8.1	7.9	7.8	5.5	5.1	5.2
Health Services	21.4	21.2	21.0	21.1	21.0	21.1	21.3	21.6	21.6	21.7	21.8	21.9	21.9
Nursing and Personal Care Facilities	3.7	3.6	3.6	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9
Hospitals	10.8	10.8	10.7	10.8	10.7	10.6	10.8	10.9	10.8	10.8	10.8	10.9	10.9
Social Services	4.7	4.5	4.6	4.6	4.6	4.7	4.6	4.6	4.6	4.7	4.7	4.9	4.9
Engineering and Management Services	5.0	4.7	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.1

See footnotes at end of table.

RS-790-1-1 (1989)

Akron PMSA

Nonagricultural Wage and Salary Employment, 1989[a] (continued)

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Government	43.5	39.1	43.5	46.3	45.9	46.4	40.4	38.3	38.0	45.0	46.3	46.6	46.7
Federal Government	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
State Government	15.3	12.8	14.9	17.5	17.3	17.1	11.9	11.2	11.0	16.9	17.5	17.6	17.7
State Government Education[e]	12.4	9.9	12.0	14.6	14.4	14.2	8.8	8.2	8.0	13.9	14.7	14.8	14.9
Local Government	25.8	23.9	26.2	26.4	26.2	26.8	26.0	24.6	24.6	25.7	26.4	26.6	26.5
Local Government Education	13.8	12.4[f]	14.7	14.8	14.4	14.7	13.4	11.9	12.1	13.8	14.5	14.6	14.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-1 (1989)

Akron PMSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.61	$11.58	$11.52	$11.58	$11.62	$11.60	$11.43	$11.45	$11.53	$11.84	$11.74	$11.72	$11.71
Durable Goods[b]	11.83	11.87	11.79	11.81	11.79	11.87	11.59	11.56	11.69	12.17	12.01	11.94	11.83
Fabricated Metal Products	14.32	14.54	14.44	14.40	14.54	14.67	13.79	13.64	13.86	15.01	14.70	14.22	13.82
Fabricated Structural Metal Products	11.18	11.03	10.91	10.92	10.89	10.98	11.10	11.00	11.02	11.05	11.11	12.40	11.47
Industrial Machinery and Equipment	10.50	10.24	10.31	10.37	10.22	10.17	10.44	10.56	10.55	10.67	10.65	10.72	11.00
Metalworking Machinery	11.03	10.80	10.99	10.89	10.77	10.79	10.89	11.12	11.15	11.28	11.21	11.23	11.20
Electronic and Other Electric Equipment	9.79	9.77	9.73	9.80	9.72	9.76	9.68	9.76	10.09	9.73	9.75	9.82	9.86
Transportation Equipment	14.57	14.88	14.60	14.54	14.19	14.33	14.37	14.67	14.37	14.31	14.48	14.84	15.16
Nondurable Goods[c]	11.31	11.18	11.16	11.27	11.39	11.23	11.21	11.31	11.32	11.38	11.38	11.41	11.52
Food and Kindred Products	9.81	10.36	10.35	10.18	10.09	9.83	9.61	9.60	9.53	9.48	9.45	9.75	9.55
Chemicals and Allied Products	12.12	11.90	11.99	12.15	12.10	12.04	11.90	11.88	12.29	12.37	12.35	12.28	12.17
Rubber and Miscellaneous Plastics Products	11.23	10.97	10.97	11.09	11.16	11.22	11.33	11.36	11.34	11.35	11.28	11.27	11.46
Tires and Inner Tubes	16.45	16.07	16.05	16.42	16.42	16.46	16.70	16.73	16.69	16.38	16.42	16.46	16.54
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.44	14.12	14.16	14.18	14.18	14.22	14.40	14.55	14.67	14.67	14.77	14.71	14.63
Wholesale Trade	9.56	9.31	9.22	9.46	9.46	9.50	9.60	9.78	9.72	9.70	9.64	9.70	9.65
Retail Trade[d]	6.65	6.44	6.52	6.52	6.63	6.61	6.60	6.63	6.65	6.78	6.79	6.78	6.86
General Merchandise Stores	6.55	6.51	6.56	6.55	6.55	6.57	6.55	6.57	6.57	6.65	6.53	6.38	6.58
Food Stores	8.62	8.47	8.54	8.43	8.54	8.78	8.82	8.64	8.49	8.65	8.70	8.71	8.64

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-1 (1989)

Akron PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.7	42.9	42.5	42.8	42.5	42.7	42.3	42.1	42.6	43.2	42.4	42.9	43.1
Durable Goods[b]	43.0	43.4	43.0	43.3	42.5	43.1	42.4	41.9	42.8	44.0	42.6	43.5	43.6
Fabricated Metal Products	42.8	42.8	42.9	42.9	42.2	44.4	41.8	40.4	43.0	46.1	42.7	43.6	41.2
Fabricated Structural Metal Products	41.8	39.2	39.6	39.6	39.4	41.2	42.9	41.5	43.2	42.9	42.4	47.8	42.4
Industrial Machinery and Equipment	45.3	45.9	45.6	46.3	44.9	44.6	44.7	44.8	44.7	45.3	44.8	45.1	46.6
Metalworking Machinery	46.1	46.0	47.3	46.8	44.5	45.5	45.6	45.9	46.2	46.3	46.7	46.3	46.1
Electronic and Other Electric Equipment	39.7	39.8	40.1	38.8	41.0	39.9	38.7	38.4	38.9	39.7	39.6	[illegible]	40.6
Transportation Equipment	43.5	45.4	44.2	44.8	42.0	42.2	42.5	42.9	42.6	42.5	43.1	44.5	45.9
Nondurable Goods[c]	42.2	42.2	42.0	42.2	42.6	42.1	42.3	42.4	42.3	42.2	42.1	42.2	42.3
Food and Kindred Products	41.9	41.8	40.2	43.0	41.6	42.0	41.9	42.3	41.2	42.9	41.7	43.0	41.6
Chemicals and Allied Products	42.4	42.3	41.5	42.3	41.7	41.5	40.9	40.8	43.1	44.2	43.4	43.9	43.7
Rubber and Miscellaneous Plastics Products	43.1	42.7	42.9	42.3	43.1	43.6	43.9	43.5	43.6	43.1	42.4	42.5	43.1
Tires and Inner Tubes	49.3	47.1	47.2	50.1	50.2	49.7	52.2	52.1	51.0	47.6	47.1	47.4	50.1
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	41.3	40.8	40.6	40.6	40.9	41.1	41.5	41.7	41.9	41.9	41.6	41.4	41.4
Wholesale Trade	36.9	37.2	36.7	37.1	37.1	36.6	37.0	37.5	37.1	36.7	36.7	36.7	36.9
Retail Trade	32.2	32.2	32.3	32.2	32.4	32.6	32.6	33.1	32.4	31.8	31.5	31.2	32.2
General Merchandise Stores	32.1	31.9	32.6	32.3	32.8	32.8	33.0	33.2	31.4	31.3	31.0	30.0	32.6
Food Stores	37.9	39.3	38.1	37.3	37.1	37.4	38.1	38.7	39.2	39.0	37.7	36.5	36.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-1 (1989)

Akron PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$495.75	$496.78	$489.60	$495.62	$49[illegible].85	$495.32	$483.49	$482.05	$491.18	$511.49	$497.78	$502.79	$504.70
Durable Goods[b]	508.69	515.16	506.97	511.37	501.08	511.60	491.42	484.36	500.33	535.48	511.63	519.39	515.79
Fabricated Metal Products	612.90	622.31	619.48	617.76	613.59	651.35	576.42	551.06	595.98	691.96	627.69	619.99	569.38
Fabricated Structural Metal Products	467.32	432.38	432.04	432.43	429.07	452.38	476.19	456.50	476.06	474.05	471.06	592.72	486.33
Industrial Machinery and Equipment	475.65	470.02	470.14	480.13	458.88	453.58	466.67	473.09	471.59	483.35	477.12	483.47	512.60
Metalworking Machinery	508.48	496.80	519.83	509.65	479.27	490.95	496.58	510.41	515.13	522.26	523.51	519.95	516.32
Electronic and Other Electric Equipment	388.66	388.85	390.17	380.24	398.52	389.42	374.62	374.78	392.50	386.28	386.10	402.62	400.32
Transportation Equipment	633.80	675.55	645.32	651.39	595.98	604.73	610.73	629.34	612.16	608.18	624.09	660.38	695.84
Nondurable Goods[c]	477.28	471.80	468.72	475.59	485.21	472.78	474.18	479.54	478.84	480.24	479.10	481.50	487.30
Food and Kindred Products	411.04	433.05	416.07	437.74	419.74	412.86	402.66	406.08	392.64	406.69	394.07	419.25	397.28
Chemicals and Allied Products	513.89	503.37	497.59	513.95	504.57	499.66	486.71	484.70	529.70	546.75	535.99	539.09	531.83
Rubber and Miscellaneous Plastics Products	484.01	468.42	470.61	469.11	481.00	489.19	497.39	494.16	494.42	489.19	478.27	478.98	493.93
Tires and Inner Tubes	810.99	756.90	757.56	822.64	824.28	818.06	871.74	871.63	851.19	779.69	773.38	780.20	828.65
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	596.37	576.10	574.90	575.71	579.96	584.44	597.60	606.74	614.67	614.67	614.43	608.99	605.68
Wholesale Trade	352.76	346.33	338.37	350.97	350.97	347.70	355.20	366.75	360.61	355.99	353.79	355.99	356.09
Retail Trade[d]	214.13	207.37	210.60	209.94	214.81	215.49	215.16	219.45	215.46	215.60	213.89	211.54	220.89
General Merchandise Stores	210.26	207.67	213.86	211.57	214.84	215.50	216.15	218.12	206.30	208.15	202.43	191.40	214.51
Food Stores	326.70	332.87	325.37	314.44	316.83	328.37	336.04	334.37	332.81	337.35	327.99	317.92	313.63
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	273.53	270.32	275.76	275.46	273.25	276.55	277.15	275.84	273.04	272.59	268.74	267.48	277.11

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-1 (1989)

Akron MSA

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	272.7	260.1	264.7	268.2	271.7	274.7	271.9	272.3	271.5	280.1	279.0	279.2	279.1
Goods-Producing Industries[b]	76.4	73.4	73.4	74.3	75.7	76.4	77.8	77.9	77.5	78.1	78.2	77.9	76.6
Construction	9.7	7.8	7.8	8.0	9.2	9.8	10.5	10.6	10.7	10.8	10.7	10.3	9.6
Manufacturing	66.2	65.0	65.0	65.7	66.0	66.0	66.7	66.7	66.2	66.7	66.9	67.0	66.4
Durable Goods[c]	34.4	33.2	33.3	33.9	34.2	34.5	35.0	34.8	34.3	34.8	34.8	35.0	34.7
Fabricated Metal Products	11.1	10.5	10.8	11.2	11.4	11.4	11.6	11.2	10.9	11.1	11.0	11.0	10.9
Fabricated Structural Metal Products	4.9	4.9	4.9	4.9	4.9	5.0	5.1	4.8	4.8	4.9	4.8	4.8	4.8
Industrial Machinery and Equipment	9.5	9.2	9.1	9.2	9.3	9.3	9.5	9.6	9.5	9.6	9.7	9.8	9.8
Metalworking Machinery	3.5	3.5	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6
Electronic and Other Electric Equipment	2.5	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6
Transportation Equipment	5.6	5.8	5.7	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.7	5.7	5.5
Nondurable Goods[d]	31.8	31.8	31.7	31.8	31.8	31.5	31.7	31.9	31.9	31.9	32.1	32.0	31.7
Food and Kindred Products	3.0	2.9	2.8	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0
Chemicals and Allied Products	3.6	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.5
Rubber and Miscellaneous Plastics Products	19.2	19.1	19.1	19.2	19.1	18.9	19.0	19.2	19.3	19.4	19.6	19.5	19.3
Tires and Inner Tubes	10.4	10.5	10.4	10.4	10.4	10.3	10.3	10.5	10.6	10.4	10.5	10.5	10.4
Service-Producing Industries	196.3	186.7	191.3	194.0	196.0	198.3	194.1	194.4	194.0	202.0	200.8	201.3	202.5
Transportation and Public Utilities	12.8	12.6	12.6	12.7	12.7	12.8	12.9	12.8	12.9	12.9	13.0	12.9	13.0
Communications, Electric, Gas Services	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.9	4.9	4.8
Wholesale Trade	14.6	14.2	14.2	14.1	14.3	14.3	14.5	14.6	14.6	14.8	15.0	15.1	15.3
Retail Trade	53.4	51.6	51.2	51.8	53.1	53.6	53.9	53.7	54.0	54.2	53.7	54.5	55.3
General Merchandise Stores	6.3	6.7	6.3	6.2	6.2	6.2	6.1	6.2	6.1	6.2	6.4	6.6	6.7
Food Stores	8.8	8.4	8.3	8.4	8.6	8.7	8.8	8.9	8.9	8.9	9.1	9.3	9.4
Finance, Insurance, and Real Estate	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.2	10.3
Finance	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.2	5.1	5.1
Services	61.8	57.6	58.1	59.4	60.2	61.6	63.4	64.4	64.6	64.8	62.8	62.4	62.8
Business Services	9.9	9.3	9.4	10.3	9.5	9.6	9.8	10.3	10.4	10.4	10.1	10.0	10.1
Personnel Supply Services	2.7	2.4	2.4	3.3	2.5	2.5	2.6	2.8	3.0	2.9	2.6	2.6	2.6
Amusements, Including Motion Pictures	4.8	3.2	3.3	3.4	4.0	4.8	5.6	6.7	6.7	6.7	4.5	4.2	4.2
Health Services	20.3	19.7	19.7	19.8	20.0	20.1	20.3	20.2	20.4	20.5	20.8	20.8	21.0
Nursing and Personal Care Facilities	3.2	3.0	3.1	3.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4
Hospitals	10.4	10.2	10.2	10.3	10.2	10.2	10.4	10.3	10.4	10.5	10.6	10.6	10.7
Social Services	4.4	4.3	4.3	4.3	4.3	4.4	4.3	4.4	4.4	4.3	4.5	4.6	4.6
Engineering and Management Services	4.7	4.3	4.3	4.4	4.6	4.6	4.7	4.8	4.9	4.9	5.0	5.1	5.1

See footnotes at end of table.

RS-790-1-1 (1988)

Akron PMSA

Nonagricultural Wage and Salary Employment, 1988[a] (continued)

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Government	43.2	40.2	44.8	45.3	45.1	45.4	38.9	38.3	37.3	44.7	45.9	46.2	46.0
Federal Government	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4
State Government	15.0	12.1	16.3	16.7	16.6	16.5	11.1	11.2	10.8	16.5	17.2	17.3	17.4
State Government Education[e]	12.0	9.2	13.4	13.7	13.6	13.5	8.0	8.0	7.7	13.5	14.3	14.4	14.5
Local Government	25.8	25.7	26.0	26.2	26.1	26.5	25.4	24.7	24.1	25.8	26.2	26.4	26.1
Local Government Education	13.9	14.4	14.7	14.9	14.6	14.6	12.9	12.2	11.7	13.8	14.3	14.5	14.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-1 (1988)

Akron PMSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.60	$11.36	$11.40	$11.54	$11.83	$11.79	$11.89	$11.59	$11.40	$11.46	$11.55	$11.71	$11.57
Durable Goods[b]	11.83	11.61	11.67	11.83	12.22	12.07	12.28	11.71	11.37	11.58	11.75	11.93	11.86
Fabricated Metal Products	14.36	13.80	13.83	14.31	15.10	14.59	15.04	13.77	13.77	14.15	14.70	14.47	14.52
Fabricated Structural Metal Products	11.33	11.70	11.78	11.63	11.50	11.36	11.21	11.11	10.24	11.20	11.34	11.13	11.01
Industrial Machinery and Equipment	10.25	10.17	10.20	10.10	10.38	10.38	10.37	10.32	10.14	10.29	10.27	10.18	10.19
Metalworking Machinery	10.61	10.52	10.43	10.32	10.54	10.62	10.74	10.77	10.48	10.65	10.68	10.76	10.81
Electronic and Other Electric Equipment	9.87	10.27	10.14	10.08	9.87	9.93	9.78	9.82	9.78	9.74	9.73	9.75	9.65
Transportation Equipment	14.26	13.76	14.23	14.03	13.93	14.29	14.37	14.49	13.92	14.15	14.19	14.71	14.88
Nondurable Goods[c]	11.22	11.01	11.01	11.07	11.20	11.25	11.22	11.35	11.43	11.30	11.29	11.40	11.17
Food and Kindred Products	10.77	10.90	10.94	10.84	10.56	10.84	10.59	10.68	10.84	10.88	10.72	10.75	10.67
Chemicals and Allied Products	11.83	11.74	11.68	11.83	11.58	11.76	11.67	11.68	11.94	11.90	11.98	12.18	11.99
Rubber and Miscellaneous Plastics Products	11.30	11.18	11.23	11.28	11.40	11.40	11.40	11.44	11.47	11.30	11.21	11.27	11.05
Tires and Inner Tubes	16.01	15.67	15.81	15.83	16.06	16.13	16.18	16.13	16.19	16.02	15.95	15.95	16.14
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	13.98	13.89	13.85	13.87	13.81	13.77	13.83	14.03	14.11	14.17	14.16	14.19	14.08
Wholesale Trade	9.27	9.03	8.96	9.16	9.25	9.06	9.23	9.34	9.53	9.36	9.43	9.55	9.34
Retail Trade[d]	6.30	6.30	6.28	6.37	6.30	6.29	6.28	6.23	6.25	6.29	6.34	6.28	6.39
General Merchandise Stores	6.51	6.27	6.56	6.55	6.53	6.62	6.5[illegible]	6.61	6.64	6.59	6.68	6.51	6.14
Food Stores	8.53	8.81	8.74	8.88	8.69	8.59	8.[illegible]3	8.32	8.35	8.34	8.26	8.50	8.59

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [e] Depressed due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-1 (1988)

Akron PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.3	43.2	43.1	43.3	43.8	43.4	44.2	43.2	42.7	43.3	42.9	43.0	43.2
Durable Goods[b]	43.3	43.1	43.1	43.4	44.0	43.6	44.8	42.7	41.7	43.4	43.0	43.0	43.4
Fabricated Metal Products	44.2	43.8	43.5	45.0	46.8	45.4	48.2	42.4	41.8	44.1	43.1	43.1	42.7
Fabricated Structural Metal Products	43.4	46.7	45.6	45.0	43.8	43.9	45.9	45.8	41.2	40.3	40.3	40.5	39.9
Industrial Machinery and Equipment	44.8	44.5	44.5	43.7	44.1	44.3	44.6	45.6	43.7	45.4	45.5	45.5	46.0
Metalworking Machinery	45.5	45.3	45.0	44.5	45.2	45.5	46.4	46.5	43.5	46.3	45.3	45.9	46.5
Electronic and Other Electric Equipment	39.5	39.8	39.9	40.4	39.6	39.0	40.2	38.1	37.4	39.3	40.1	40.3	39.6
Transportation Equipment	42.9	44.0	45.0	43.6	42.6	42.3	42.6	42.1	39.6	40.7	40.3	43.0	46.3
Nondurable Goods[c]	43.3	43.7	42.9	43.0	43.5	43.1	43.4	43.9	44.0	43.2	42.9	43.2	43.1
Food and Kindred Products	42.6	43.9	43.5	42.9	42.4	41.9	42.8	43.5	42.5	43.2	42.2	42.1	41.0
Chemicals and Allied Products	43.2	44.2	43.7	44.4	42.9	42.5	41.9	43.5	43.8	43.9	42.0	42.9	42.6
Rubber and Miscellaneous Plastics Products	44.4	44.7	44.2	44.0	44.6	44.5	45.0	44.8	45.1	44.1	44.0	43.9	44.4
Tires and Inner Tubes	49.8	50.0	49.6	49.5	49.2	50.3	50.8	51.1	51.1	49.2	48.0	47.9	50.6
Transportation and Public Utilities		....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	41.0	40.4	40.5	40.4	40.6	41.0	40.8	41.2	41.4	41.6	41.5	[illegible]	40.9
Wholesale Trade	37.4	37.0	37.4	38.1	37.8	38.5	38.3	37.7	37.2	37.1	36.6	36.7	36.9
Retail Trade	31.8	30.6	30.6	30.8	31.2	31.4	31.9	32.5	32.4	32.1	32.3	32.3	33.4
General Merchandise Stores	32.4	32.2	31.1	31.6	32.5	32.4	32.9	32.8	32.4	31.8	31.8	32.3	34.8
Food Stores	37.9	35.5	36.3	36.5	36.8	37.0	38.8	39.4	39.0	38.7	38.2	37.6	40.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Depressed due to labor-management disputes during part of pay period. [g]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-1 (1988)

Akron PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$502.28	$490.75	$491.34	$499.68	$518.15	$511.69	$525.54	$500.69	$486.78	$496.22	$495.50	$503.53	$499.82
Durable Goods[b]	512.24	500.39	502.98	513.42	537.68	526.25	550.14	500.02	474.13	502.57	505.25	512.99	514.72
Fabricated Metal Products	634.71	604.44	601.61	643.95	706.68	662.39	724.93	583.85	575.59	624.02	633.57	623.66	620.00
Fabricated Structural Metal Products	491.72	546.39	537.17	523.35	503.70	498.70	514.54	508.84	421.89	451.36	457.00	450.77	439.30
Industrial Machinery and Equipment	459.20	452.57	453.90	441.37	457.76	459.83	462.50	470.59	443.12	467.17	467.29	463.19	468.74
Metalworking Machinery	482.76	476.56	469.35	459.24	476.41	483.21	498.34	500.81	455.88	493.10	483.80	493.88	502.67
Electronic and Other Electric Equipment	389.87	408.75	404.59	407.23	390.85	387.27	393.16	374.14	365.77	382.78	390.17	392.93	382.14
Transportation Equipment	611.75	605.44	640.35	611.71	593.42	604.47	612.16	610.03	551.23	575.91	571.86	632.53	688.94
Nondurable Goods[c]	485.83	481.14	472.33	476.01	487.20	484.88	486.95	498.27	502.92	488.16	484.34	492.48	481.43
Food and Kindred Products	458.80	478.51	475.89	465.04	447.74	454.20	453.25	464.58	460.70	470.02	452.38	452.58	437.47
Chemicals and Allied Products	511.06	518.91	510.42	525.25	496.78	499.80	488.97	508.08	522.97	522.41	503.16	522.52	510.77
Rubber and Miscellaneous Plastics Products	501.72	499.75	496.37	496.32	508.44	507.30	513.00	512.51	517.30	498.33	493.24	494.75	490.62
Tires and Inner Tubes	797.30	783.50	784.18	783.59	790.15	811.34	821.94	824.24	827.31	788.18	765.60	764.01	816.68
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	573.18	561.16	560.93	560.35	560.69	564.57	564.26	578.04	584.15	589.47	587.64	590.30	575.87
Wholesale Trade	346.70	334.11	335.10	349.00	349.65	348.81	353.51	352.12	354.52	347.26	345.14	350.49	344.65
Retail Trade[d]	200.34	192.78	192.17	196.20	196.56	197.51	200.33	202.48	202.50	201.91	204.78	202.84	213.43
General Merchandise Stores	210.92	201.89	204.02	206.98	212.23	214.49	214.51	216.81	215.14	209.56	212.42	210.27	213.67
Food Stores	323.29	312.76	317.26	324.12	319.79	317.83	325.14	327.81	325.65	322.76	315.53	319.60	345.32

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-1 (1988)

Akron PMSA

Nonagricultural Wage and Salary Employment, 1979-1987[a]

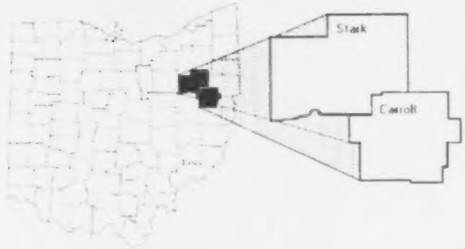
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	270.9	262.4	259.5	248.8	244.7	252.2	257.6	260.7	265.1
Goods-Producing Industries[b]	95.3	87.6	84.0	76.0	72.8	76.2	77.2	76.4	76.1
Construction	9.2	8.0	7.7	7.0	6.9	7.6	8.2	8.6	9.1
Manufacturing	85.6[f]	79.1	75.7	68.3	65.2	67.9	68.1	67.2	66.4
Durable Goods[c]	41.3	38.0	37.4	33.6	32.4	34.8	35.1	34.7	33.9
Fabricated Metal Products	16.1	14.5	14.0	12.5	12.3	13.0	13.0	12.6	11.5
Fabricated Structural Metal Products	.....	.....	.....	.....	5.7	5.7	5.8	5.8	5.1
Industrial Machinery and Equipment	13.0	11.3	11.0	9.4	8.5	9.2	9.6	9.3	9.2
Metalworking Machinery	.....	.....	.....	.....	3.1	3.3	3.4	3.3	3.4
Electronic and Other Electric Equipment	.....	.....	.....	.....	2.3	2.6	2.5	2.3	2.2
Transportation Equipment	.....	.....	.....	.....	5.0	5.5	5.8	6.2	6.0
Nondurable Goods[d]	44.3	41.2	38.3	34.7	32.8	33.1	33.0	32.5	32.6
Food and Kindred Products	3.2	3.2	2.9	2.7	2.6	2.6	2.8	2.8	2.9
Chemicals and Allied Products	4.0	3.6	3.4	3.3	3.1	2.8	2.7	2.8	3.3
Rubber and Miscellaneous Plastics Products	32.1	29.1	26.7	23.8	21.9	22.5	22.2	21.4	20.7
Tires and Inner Tubes	24.7	22.5	20.2	17.7	15.5	15.4	15.2	14.0	12.5
Service-Producing Industries	175.6	174.8	175.5	172.9	171.9	176.0	180.4	184.3	189.0
Transportation and Public Utilities	15.2	14.2	14.0	13.1	12.5	13.0	12.8	12.9	12.8
Communications, Electric, Gas Services	5.3	5.4	5.5	5.6	5.4	5.4	5.3	5.3	5.2
Wholesale Trade	12.0	12.0	12.5	12.2	11.9	13.0	13.4	13.5	14.0
Retail Trade	46.2	45.3	45.4	45.1	45.2	46.9	48.9	50.4	51.6
General Merchandise Stores	.....	.....	.....	.....	6.6	6.8	6.8	6.7	6.4
Food Stores	7.8	7.7	7.9	7.8	7.9	8.1	8.3	8.5	8.4
Finance, Insurance, and Real Estate	9.4	9.3	9.3	9.3	9.1	9.2	9.6	10.2	10.6
Services	49.7	50.4	51.8	52.1	52.3	52.8	54.0	55.6	57.8
Health Services	.....	.....	.....	.....	17.7	17.5	17.5	18.0	19.3
Hospitals	.....	.....	.....	.....	10.2	9.5	9.1	9.1	9.8
Social Services	.....	.....	.....	.....	3.0	3.1	3.1	3.6	4.0
Government	43.2	43.6	42.5	41.1	40.7	41.1	41.6	41.7	42.2
Federal Government	2.1	2.3	2.1	2.0	2.1	2.1	2.2	2.4	2.4
State Government	12.4	12.8	12.8	12.8	13.1	13.3	13.7	14.1	14.4
State Government Education[e]	.....	.....	.....	.....	10.1	10.5	10.8	11.1	11.4
Local Government	28.7	28.4	27.6[f]	26.3	25.5	25.6	25.7	25.3	25.4
Local Government Education	.....	.....	.....	.....	13.6	13.4	13.6	13.7	13.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-1 (1979-1987)

Canton
Metropolitan Statistical Area



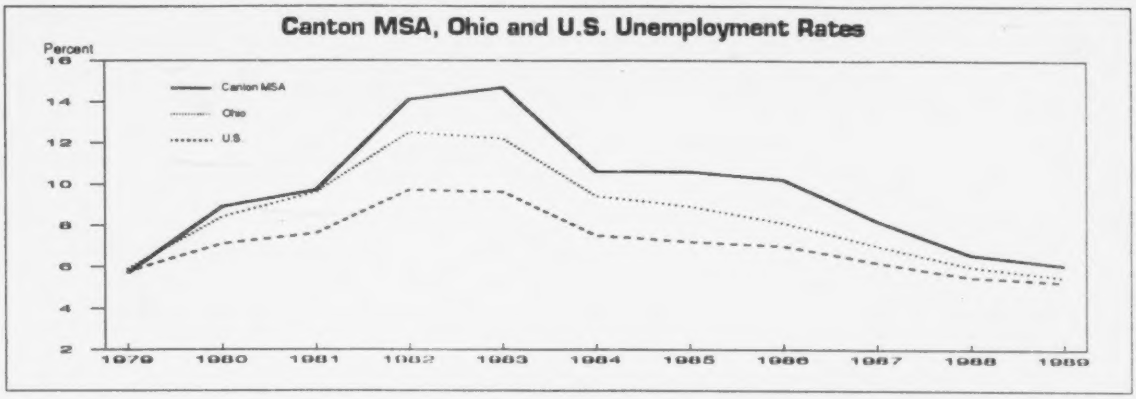
Based on place of residence, the estimated annual average civilian labor force in the Canton metropolitan area rose 3,600 from 1988 to 194,100 in 1989. Total employment, at 182,300, increased 4,300 over the year, while unemployment decreased 800. The unemployment rate dropped from 6.6 percent in 1988 to 6.1 percent in 1989. (See table below.)

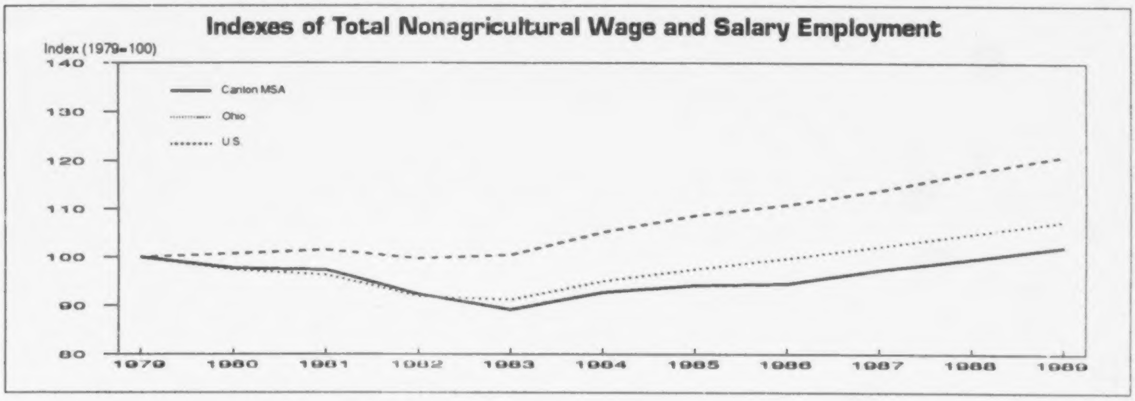
Nonagricultural wage and salary employment advanced 2.5 percent, from 160,100 in 1988 to 164,100 in 1989. Expansion in service-producing industries contributed 77.5 percent of the gain, or 3,100 jobs. Noteworthy growth occurred in services and retail trade. Modest gains were posted in wholesale trade, finance, insurance, and real estate, and government. Employment in transportation and public utilities was unchanged over the year. The workforce in goods-producing industries increased 1,000 above the 1988 level to 53,500 primarily due to improvements in construction employment and scattered increases in manufacturing. Modest growth in rubber and miscellaneous plastics products, primary metal industries, and food and kindred products offset reductions in fabricated metal products and electronic and other electric equipment.

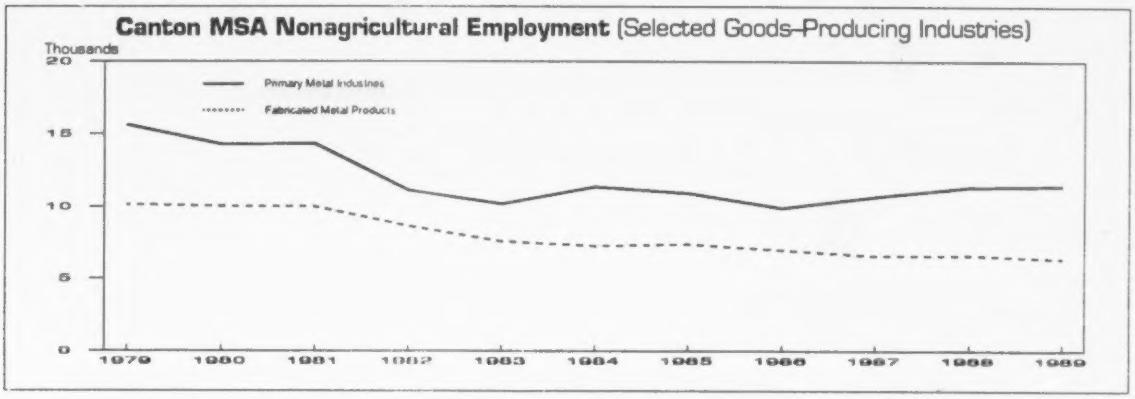
Canton MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

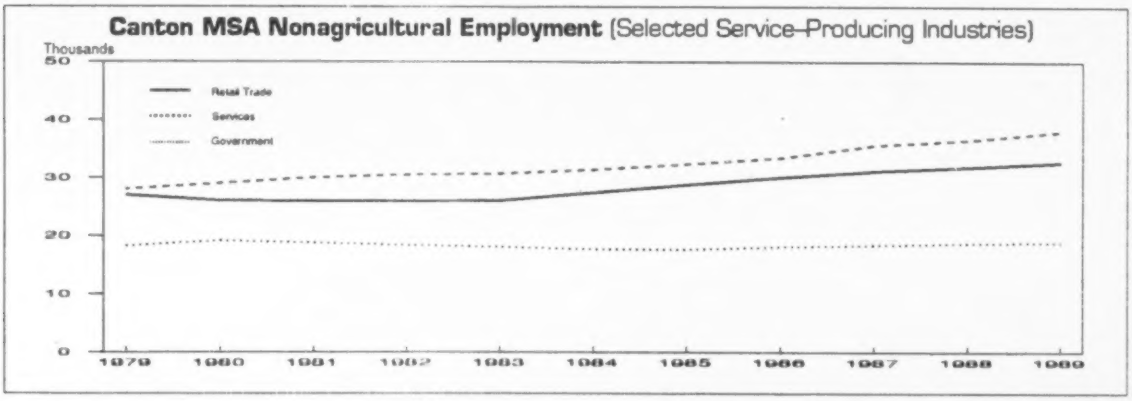
Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment		
			MSA	Ohio	U.S.			Goods–Producing Industries	Service–Producing Industries
184.3	173.7	10.6	5.7	5.9	5.8	1979	160.8	66.6	94.2
187.7	170.9	16.8	8.9	8.4	7.1	1980	157.1	62.3	94.9
188.4	170.2	18.3	9.7	9.6	7.6	1981	156.6	61.2	95.4
191.4	164.3	27.0	14.1	12.5	9.7	1982	148.6	53.5	95.1
187.0	159.5	27.5	14.7	12.2	9.6	1983	143.4	49.0	94.4
188.1	168.1	19.9	10.6	9.4	7.5	1984	149.1	52.6	96.5
189.5	169.5	20.0	10.6	8.9	7.2	1985	151.5	52.7	98.8
190.5	171.2	19.4	10.2	8.1	7.0	1986	151.9	50.0	101.9
190.4	174.7	15.7	8.2	7.0	6.2	1987	156.4	50.9	105.5
190.5	178.0	12.6	6.6	6.0	5.5	1988	160.1	52.5	107.6
194.1	182.3	11.8	6.1	5.5	5.3	1989	164.1	53.5	110.7

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.


Canton MSA, Ohio and U.S. Unemployment Rates


Indexes of Total Nonagricultural Wage and Salary Employment


Canton MSA Nonagricultural Employment (Selected Goods-Producing Industries)


Canton MSA Nonagricultural Employment (Selected Service-Producing Industries)

Canton MSA

Nonagricultural Wage and Salary Employment, 1989[a]
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	164.1	161.2	160.8	162.2	163.0	164.7	165.7	165.2	164.9	166.3	161.8	166.5	167.2
Goods-Producing Industries[b]	53.5	53.1	52.8	53.1	53.4	54.1	54.8	54.5	54.5	54.6	49.2	54.0	53.5
Construction	7.1	6.1	6.0	6.2	6.7	7.1	7.6	7.9	7.8	7.8	7.9	7.6	7.1
Manufacturing	45.6	46.2	46.1	46.2	46.0	46.2	46.4	45.9	45.9	46.0	40.6	45.7	45.6
Durable Goods[c]	33.7	34.5	34.3	34.5	34.3	34.4	34.5	34.1	34.1	34.1	28.7[f]	33.7	33.7
Primary Metal Industries	11.5	11.8	11.8	11.9	11.9	11.9	11.8	11.5	11.7	11.6	9.1[f]	11.2	11.3
Fabricated Metal Products	6.4	6.6	6.5	6.5	6.4	6.4	6.4	6.3	6.4	6.3	6.3	6.2	6.3
Electronic and Other Electric Equipment	4.2	4.5	4.2	4.2	4.1	4.1	4.2	4.2	4.2	4.2	4.1	4.1	4.0
Nondurable Goods[d]	11.8	11.8	11.7	11.7	11.7	11.8	11.9	11.8	11.7	11.9	11.9	12.0	12.0
Food and Kindred Products	3.3	3.2	3.2	3.2	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4
Rubber and Miscellaneous Plastics Products	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.1
Service-Producing Industries	110.7	108.1	108.0	109.1	109.6	110.7	110.9	110.6	110.4	111.7	112.5	112.5	113.7
Transportation and Public Utilities	5.7	5.6	5.6	5.6	5.5	5.7	5.7	5.7	5.8	5.8	5.7	5.7	5.6
Communications, Electric, Gas Services	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Wholesale Trade	8.5	8.5	8.4	8.5	8.4	8.5	8.6	8.6	8.6	8.5	8.5	8.5	8.5
Retail Trade	32.6	31.7	31.0	31.9	31.9	32.3	32.8	32.6	32.9	33.0	33.4	33.6	34.5
General Merchandise Stores	4.1	3.8	3.6	4.2	4.1	4.0	4.0	4.0	4.1	4.1	4.2	4.5	4.6
Food Stores	5.5	5.5	5.4	5.4	5.4	5.4	5.6	5.5	5.5	5.6	5.6	5.6	5.7
Finance, Insurance, and Real Estate	6.8	6.8	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.8	6.8	6.8
Finance	3.9	3.8	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	3.9	3.9	3.9
Services	38.0	36.4	36.8	37.1	37.8	38.1	38.4	38.6	38.5	38.7	38.7	38.6	38.6
Health Services	15.6	15.2	15.2	15.3	15.5	15.6	15.7	15.8	15.8	15.8	15.7	15.8	15.7
Nursing and Personal Care Facilities	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.7	3.7	3.8	3.8
Hospitals	7.3	7.1	7.1	7.1	7.3	7.4	7.5	7.5	7.4	7.4	7.4	7.4	7.3
Government	19.0	19.1	19.4	19.1	19.1	19.4	18.6	18.2	17.7	18.8	19.4	19.3	19.7
Federal Government	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4
State Government (Includes Education)	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Local Government	15.9	16.1	16.3	16.0	16.0	16.2	15.5	15.1	14.7	15.8	16.3	16.3	16.6
Local Government Education	9.5	9.7	9.9	9.8	9.7	9.9	9.1	8.4	8.2	9.4	9.9	10.0	10.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-2 (1989)

Canton MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.17	$11.06	$11.02	$11.09	$11.18	$11.21	$11.26	$11.15	$11.24	$11.28	$11.07	$11.22	$11.22
Durable Goods[b]	11.54	11.47	11.41	11.47	11.54	11.58	11.61	11.50	11.60	11.63	11.44	11.61	11.60
Primary Metal Industries	11.49	11.31	11.34	11.35	11.48	11.55	11.44	11.42	11.59	11.62	11.51	11.56	11.73
Fabricated Metal Products	11.92	11.89	11.90	11.85	11.83	11.78	11.84	11.94	11.88	12.06	12.10	11.96	11.97
Electronic and Other Electric Equipment	13.12	12.81	12.91	12.91	13.00	13.08	13.38	13.11	13.11	13.27	13.22	13.26	13.34
Nondurable Goods[c]	9.95	9.66	9.68	9.80	9.96	9.95	10.07	10.02	10.08	10.14	10.09	10.03	9.96
Food and Kindred Products	10.33	9.57	9.62	9.96	10.40	10.80	10.55	10.62	10.45	10.58	10.44	10.39	10.49
Rubber and Miscellaneous Plastics Products	9.68	9.66	9.66	9.76	9.77	9.63	9.74	9.59	9.66	9.74	9.60	9.64	9.65
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.23	14.10	13.97	13.89	14.10	14.00	14.21	14.28	14.34	14.55	14.53	14.40	14.36
Wholesale Trade	9.98	10.21	10.21	10.18	10.09	9.96	9.98	9.99	9.87	9.85	9.88	9.78	9.80
Retail Trade[d]	5.85	5.70	5.69	5.72	5.82	5.80	5.81	5.82	5.84	5.96	5.94	6.01	6.03
General Merchandise Stores	6.30	6.26	6.32	6.26	6.20	6.27	6.25	6.24	6.25	6.31	6.32	6.39	6.50
Food Stores	5.72	5.60	5.59	5.66	5.74	5.74	5.71	5.63	5.72	5.76	5.84	5.79	5.83
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nursing and Personal Care Facilities	5.89	5.79	5.68	5.76	5.75	5.77	6.03	6.01	5.85	5.92	5.97	6.03	6.11

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-2 (1989)

Canton MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	41.8	43.0	42.1	41.9	42.0	42.0	42.3	40.8	41.3	41.4	41.2	41.2	41.7
Durable Goods[b]	42.6	44.3	43.0	42.9	42.9	43.0	43.4	41.4	41.9	42.0	42.1	41.8	42.5
Primary Metal Industries	44.5	47.8	46.1	45.5	45.6	46.2	46.4	42.6	42.3	42.0	41.1	42.6	44.0
Fabricated Metal Products	40.8	40.9	40.4	40.5	40.3	39.6	39.7	39.8	40.1	42.1	45.2	40.8	40.8
Electronic and Other Electric Equipment	40.3	40.7	39.6	38.4	38.6	39.3	42.7	40.7	41.0	41.4	41.0	40.2	40.1
Nondurable Goods[c]	39.2	39.0	39.2	38 9	39.3	39.0	39.2	38.8	39.3	39.7	39.1	39.3	39.2
Food and Kindred Products	37.8	36.0	38.4	37.3	37.6	38.4	37.7	37.7	37.1	38.2	38.1	38.4	39.0
Rubber and Miscellaneous Plastics Products	41.2	41.7	42.1	41.2	41.3	41.2	41.5	40.2	41.2	41.4	40.6	41.3	40.8
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.6	40.8	39.7	39.7	40.7	40.6	41.1	41.0	41.1	41.5	40.5	40.3	40.5
Wholesale Trade	37.9	38.0	37.3	37.8	37.6	37.9	38.2	37.9	38.0	37.9	38.2	37.9	37.9
Retail Trade	28.4	28.4	28.6	28.5	28.3	28.2	28.4	28.6	28.3	28.4	28.2	28.2	29.0
General Merchandise Stores	30.5	30.7	30.8	31.0	30.9	30.5	30.0	31.2	30.2	29.5	29.3	29.1	32.3
Food Stores	27.6	27.5	27.2	27.7	27.6	27.8	28.1	28.5	27.8	27.4	27.2	26.9	27.9
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Nursing and Personal Care Facilities	29.4	29.5	29.6	29.5	29.3	29.4	29.4	29.5	29.1	29.7	29.1	29.6	29.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-2 (1989)

Canton MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$466.91	$475.58	$463.94	$464.67	$469.56	$470.82	$476.30	$454.92	$464.21	$466.99	$456.08	$462.26	$467.87
Durable Goods[b]	491.60	508.12	490.63	492.06	495.07	497.94	503.87	476.10	486.04	488.46	481.62	485.30	493.00
Primary Metal Industries	511.31	540.62	522.77	516.43	523.49	533.61	530.82	486.49	490.26	488.04	473.06	492.46	516.12
Fabricated Metal Products	486.34	486.30	480.76	479.93	476.75	466.49	470.05	475.21	476.39	507.73	546.92	487.97	488.38
Electronic and Other Electric Equipment	528.74	521.37	511.24	495.74	501.80	514.04	571.33	533.58	537.51	549.38	542.02	533.05	534.93
Nondurable Goods[c]	390.04	376.74	379.46	381.22	391.43	388.05	394.74	388.78	396.14	402.56	394.52	394.18	390.43
Food and Kindred Products	390.47	344.52	369.41	371.51	391.04	414.72	397.74	400.37	387.70	404.16	397.76	398.98	409.11
Rubber and Miscellaneous Plastics Products	398.82	402.82	406.69	402.11	403.50	396.76	404.21	385.52	397.99	403.24	389.76	398.13	393.72
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	577.74	575.28	554.61	551.43	573.87	568.40	584.03	585.48	589.37	603.83	588.47	580.32	581.58
Wholesale Trade	378.24	387.98	380.83	384.80	379.38	377.48	381.24	378.62	375.06	373.32	377.42	370.66	371.42
Retail Trade[d]	166.14	161.88	162.73	163.02	164.71	163.56	165.00	166.45	165.27	169.26	167.51	169.48	174.87
General Merchandise Stores	192.15	192.18	194.66	194.06	191.58	191.24	187.50	194.69	188.75	186.15	185.18	185.95	209.95
Food Stores	157.87	154.00	152.05	156.78	158.42	159.57	160.45	160.46	159.02	157.82	158.85	155.75	162.66
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Nursing and Personal Care Facilities	173.17	170.81	168.13	169.92	168.48	169.64	177.28	177.30	170.24	175.82	173.73	178.49	180.25

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-2 (1989)

Canton MSA

Nonagricultural Wage and Salary Employment, 1988[a]
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	160.1	155.0	154.7	155.7	158.6	160.2	161.4	161.3	160.8	162.6	163.5	163.9	163.8
Goods-Producing Industries[b]	52.5	50.0	49.9	50.3	51.3	52.1	52.8	54.0	53.9	54.3	53.9	54.0	53.5
Construction	6.3	4.8	4.7	4.9	6.0	6.4	6.7	7.2	7.1	7.2	7.0	7.0	6.5
Manufacturing	45.3	44.3	44.3	44.4	44.4	44.8	45.3	45.9	45.9	46.2	46.0	46.3	46.3
Durable Goods[c]	33.6	32.8	32.9	33.1	32.9	33.3	33.6	33.9	33.8	34.3	34.2	34.4	34.4
Primary Metal Industries	11.4	11.0	10.9	11.0	10.9	11.2	11.4	11.5	11.4	11.8	11.8	11.8	11.7
Fabricated Metal Products	6.6	6.6	6.7	6.7	6.6	6.6	6.6	6.7	6.7	6.7	6.6	6.6	6.6
Electronic and Other Electric Equipment	4.4	4.5	4.6	4.5	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.4	4.6
Nondurable Goods[d]	11.7	11.5	11.4	11.4	11.5	11.6	11.6	12.0	12.1	11.9	11.9	11.9	11.8
Food and Kindred Products	3.2	3.3	3.2	3.1	3.1	3.1	3.4	3.3	3.4	3.2	3.2	3.2	3.2
Rubber and Miscellaneous Plastics Products	3.0	2.9	2.9	2.9	3.0	3.0	2.8	3.1	3.1	3.2	3.2	3.2	3.2
Service-Producing Industries	107.6	104.9	104.9	105.4	107.3	108.1	108.5	107.3	106.9	108.4	109.7	109.8	110.3
Transportation and Public Utilities	5.7	5.5	5.5	5.5	5.6	5.6	5.8	5.8	5.8	5.8	5.7	5.8	5.8
Communications, Electric, Gas Services	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
Wholesale Trade	8.2	7.9	7.9	8.0	8.1	8.1	8.3	8.3	8.4	8.4	8.5	8.5	8.5
Retail Trade	31.9	30.9	30.4	30.5	31.7	32.3	32.5	32.1	32.3	32.2	32.3	32.4	32.8
General Merchandise Stores	3.9	4.1	3.8	3.7	3.8	3.8	3.8	3.8	3.8	3.9	4.0	4.0	4.1
Food Stores	5.4	5.3	5.2	5.2	5.4	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.6
Finance, Insurance, and Real Estate	6.5	6.3	6.3	6.3	6.4	6.4	6.5	6.7	6.6	6.6	6.7	6.8	6.8
Finance	3.6	3.5	3.5	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.9
Services	36.5	35.5	35.7	36.0	36.5	36.5	36.8	36.4	36.3	36.7	37.3	37.2	37.2
Health Services	15.1	15.0	15.0	15.1	15.1	14.8	15.1	15.3	15.2	15.3	15.2	15.2	15.2
Nursing and Personal Care Facilities	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.8	3.9	3.8	3.8	3.8
Hospitals	7.2	7.2	7.2	7.3	7.2	6.9	7.2	7.3	7.2	7.2	7.1	7.1	7.1
Government	18.8	18.9	19.1	19.1	19.1	19.2	18.7	18.0	17.5	18.7	19.1	19.3	19.2
Federal Government	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5
State Government (Includes Education)	1.7	1.8	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Local Government	15.7	15.7	15.9	16.0	15.9	16.0	15.5	14.8	14.4	15.5	15.9	16.1	16.1
Local Government Education	9.4	9.6	9.8	9.8	9.7	9.8	9.0	8.5	8.1	9.2	9.7	9.9	9.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-2 (1988)

Canton MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$10.85	$10.87	$10.88	$10.80	$10.86	$10.83	$10.79	$10.70	$10.72	$10.88	$10.95	$10.88	$11.04
Durable Goods[b]	11.16	11.09	11.13	11.06	11.15	11.12	11.10	10.99	11.00	11.21	11.27	11.27	11.43
Primary Metal Industries	11.17	11.18	11.13	11.18	11.28	11.17	11.18	11.15	11.04	11.14	11.18	11.08	11.28
Fabricated Metal Products	11.02	10.55	10.66	10.68	10.63	10.81	10.88	10.91	10.84	11.23	11.43	11.58	11.87
Electronic and Other Electric Equipment	12.85	13.23	13.25	12.78	12.83	12.93	12.89	12.55	12.57	12.53	12.67	12.86	12.87
Nondurable Goods[c]	9.92	10.22	10.11	10.05	10.00	9.99	9.87	9.83	9.91	9.84	9.93	9.66	9.71
Food and Kindred Products	10.11	10.29	10.10	10.52	10.31	10.40	10.20	9.99	10.20	10.03	9.94	9.80	9.56
Rubber and Miscellaneous Plastics Products	10.05	10.45	10.47	10.32	10.23	10.10	10.04	9.93	10.00	9.95	9.83	9.66	9.67
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	13.75	13.63	13.45	13.41	13.80	13.46	13.57	13.66	13.95	14.18	13.90	13.93	13.91
Wholesale Trade	10.08	9.86	9.90	9.79	10.07	10.10	10.17	10.21	10.04	10.06	10.24	10.33	10.16
Retail Trade[d]	5.55	5.44	5.55	5.57	5.58	5.49	5.50	5.58	5.52	5.56	5.55	5.59	5.62
General Merchandise Stores	6.34	6.11	6.47	6.40	6.46	6.50	6.35	6.40	6.33	6.26	6.40	6.31	6.21
Food Stores	5.75	5.81	5.87	5.86	5.84	5.83	5.66	5.74	5.74	5.76	5.69	5.61	5.60

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-2 (1988)

Canton MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.6	42.9	42.8	42.7	42.9	42.9	42.5	42.0	41.8	42.3	42.6	42.6	42.7
Durable Goods[b]	43.2	43.9	43.4	43.0	43.3	43.3	43.1	42.5	42.2	43.0	43.4	43.4	43.7
Primary Metal Industries	45.7	46.8	46.0	46.5	46.8	46.8	46.2	45.5	44.7	44.8	45.1	44.8	45.1
Fabricated Metal Products	40.3	39.2	39.5	39.7	39.5	40.1	40.5	39.2	38.8	40.5	42.5	40.9	42.9
Electronic and Other Electric Equipment	41.4	43.9	43.7	38.7	41.2	40.5	42.2	40.7	40.0	40.8	40.3	42.9	41.9
Nondurable Goods[c]	40.4	39.9	40.6	41.7	41.2	41.6	40.4	40.2	40.3	39.9	40.0	39.9	39.4
Food and Kindred Products	37.4	38.4	37.1	38.6	37.1	39.2	36.9	36.7	37.1	36.5	36.8	37.0	38.0
Rubber and Miscellaneous Plastics Products	41.2	41.0	41.7	41.5	42.1	41.9	41.0	41.0	41.0	40.9	41.1	41.3	40.3
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.8	41.4	40.1	40.2	42.3	40.3	40.2	40.8	41.2	41.4	40.9	40.7	40.4
Wholesale Trade	37.7	38.1	37.9	38.3	37.9	37.7	37.6	37.6	37.1	36.8	37.7	37.4	38.1
Retail Trade	28.9	28.2	28.0	28.3	28.4	28.9	29.3	29.7	29.2	28.9	28.8	29.0	29.4
General Merchandise Stores	29.7	28.0	27.4	27.9	29.1	29.3	29.4	30.7	29.8	30.0	29.7	30.2	34.0
Food Stores	29.4	29.0	29.6	29.5	29.4	30.0	30.5	30.4	29.5	28.7	28.5	29.3	28.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-2 (1988)

Canton MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$462.21	$466.32	$465.66	$461.16	$465.89	$464.61	$458.58	$449.40	$448.10	$460.22	$466.47	$463.49	$471.41
Durable Goods[b]	482.11	486.85	483.04	475.58	482.80	481.50	478.41	467.08	464.20	482.03	489.12	489.12	499.49
Primary Metal Industries	510.47	523.22	511.98	519.87	527.90	522.76	516.52	507.33	493.49	499.07	504.22	496.38	508.73
Fabricated Metal Products	444.11	413.56	421.07	424.00	419.89	433.48	440.64	427.67	420.59	454.82	485.78	473.62	509.22
Electronic and Other Electric Equipment	531.99	580.80	579.03	494.59	528.60	523.67	543.96	510.79	502.80	511.22	510.60	551.69	539.25
Nondurable Goods[c]	400.77	407.78	410.47	419.09	412.00	415.58	398.75	395.17	399.37	392.62	397.20	385.43	382.57
Food and Kindred Products	378.11	395.14	374.71	406.07	382.50	407.68	376.38	366.63	378.42	366.10	365.79	362.60	363.28
Rubber and Miscellaneous Plastics Products	414.06	428.45	436.60	428.28	430.68	423.19	411.64	407.13	410.00	406.96	404.01	398.96	389.70
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	561.00	564.28	539.35	539.08	583.74	542.44	545.51	557.33	574.74	587.05	568.51	566.95	561.96
Wholesale Trade	380.02	375.67	375.21	374.96	381.65	380.77	382.39	383.90	372.48	370.21	386.05	386.34	387.10
Retail Trade[d]	160.40	153.41	155.40	157.63	158.47	158.66	161.15	165.73	161.18	160.68	159.84	162.11	165.23
General Merchandise Stores	188.30	171.08	177.28	178.56	187.99	190.45	186.69	196.48	188.63	187.80	190.08	190.56	211.14
Food Stores	169.05	168.49	173.75	172.87	171.70	174.90	172.63	174.50	169.33	165.31	162.17	164.37	161.28

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-2 (1988)

Canton MSA

Nonagricultural Wage and Salary Employment, 1979–1987[a]

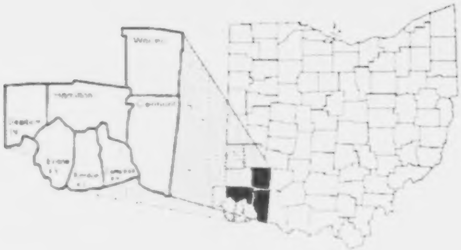
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	160.8	157.1	156.6	148.6	143.4	149.1	151.5	151.9	156.4
Goods-Producing Industries[b]	66.6	62.3	61.2	53.5	49.0	52.6	52.7	50.0	50.9
Construction	6.4	5.4	5.1	4.6	4.3	4.9	5.3	5.3	6.0
Manufacturing	59.1	55.7	54.8	47.6	43.5	46.4	46.2	43.7	44.0
Durable Goods[c]	46.4	43.6	43.0	36.8	33.0	35.0	34.7	32.0	32.3
Primary Metal Industries	15.6	14.3	14.3	11.1	10.2	11.4	11.0	9.9	10.7
Fabricated Metal Products	10.2	10.0	10.0	8.7	7.6	7.3	7.4	7.0	6.6
Electronic and Other Electric Equipment	.....	.....	.....	.....	4.1	4.4	4.5	4.5	4.4
Nondurable Goods[d]	12.7	12.1	11.8	10.8	10.6	11.3	11.6	11.6	11.7
Food and Kindred Products	4.4	4.4	4.2	4.0	3.7	3.9	4.0	3.9	3.6
Rubber and Miscellaneous Plastics Products	3.5	3.0	2.9	2.4	2.5	2.8	2.9	2.9	2.9
Service-Producing Industries	94.2	94.9	95.4	95.1	94.4	96.5	98.8	101.9	105.5
Transportation and Public Utilities	7.6	7.2	6.9	6.5	5.9	6.2	5.9	5.7	5.7
Communications, Electric, Gas Services	3.0	3.0	3.0	3.1	2.8	2.9	2.8	2.7	2.6
Wholesale Trade	7.2	7.3	7.6	7.6	7.3	7.7	7.9	8.0	8.1
Retail Trade	27.1	26.0	25.9	25.9	26.1	27.4	28.8	30.1	31.2
General Merchandise Stores	.....	.....	.....	.....	3.5	3.8	3.7	3.8	3.9
Food Stores	.....	.....	.....	.....	4.4	4.5	5.0	5.0	5.2
Finance, Insurance, and Real Estate	5.9	6.2	6.3	6.3	6.4	6.1	6.1	6.4	6.5
Services	28.1	29.0	30.0	30.5	30.7	31.4	32.4	33.4	35.6
Health Services	.....	.....	.....	.....	13.4	13.7	13.8	14.3	14.9
Hospitals	.....	.....	.....	.....	7.5	7.3	7.0	7.0	7.2
Government	18.3	19.2	18.7	18.3	18.0	17.6	17.6	18.1	18.5
Federal Government	1.3	1.4	1.2	1.2	1.2	1.2	1.3	1.4	1.4
State Government (Includes Education)	.....	.....	.....	.....	1.7	1.6	1.6	1.7	1.7
Local Government	15.1	15.8	15.5	15.3	15.2	14.8	14.7	15.0	15.3
Local Government Education	.....	.....	.....	.....	9.0	8.6	8.5	9.0	9.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-2 (1979-1987)

Cincinnati
Primary Metropolitan Statistical Area



In the Cincinnati metropolitan area, the estimated annual average civilian labor force, distributed by place of residence, increased 19,000 from 1988 to 780,300 in 1989. Total employment gained 23,200 over the year, while unemployment registered a decrease of 4,100. The unemployment rate dropped from 5.1 percent in 1988 to 4.5 percent in 1989. (See table below.)

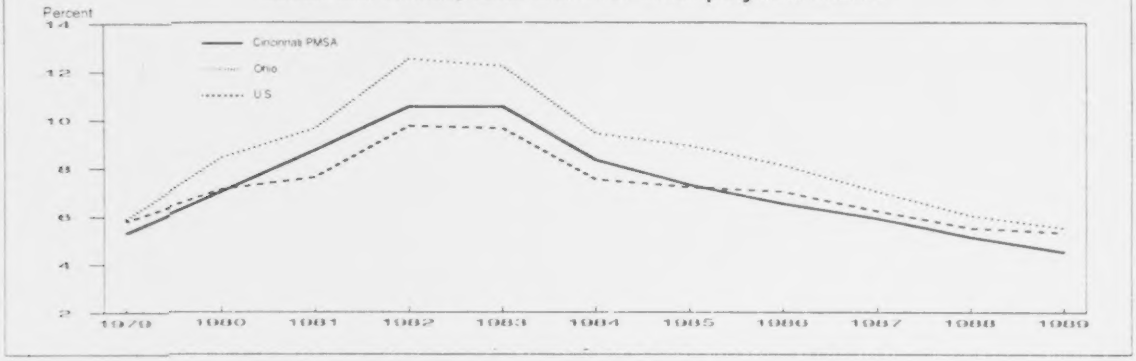
Nonagricultural wage and salary employment advanced 24,800 above the 1988 level to 726,400 in 1989, a growth rate of 3.5 percent. Employment in service-producing industries increased 21,100, up 4.0 percent. A major portion of the improvement occurred in retail trade (+7,300) and services (+6,700). Moderate expansion was also registered in wholesale trade, government, and transportation and public utilities. The number of workers in goods-producing industries rose 3,800, or 2.1 percent, to 181,500. Construction employment increased 2,700; manufacturing gained 1,000. Over-the-year growth in fabricated metal products, printing and publishing, transportation equipment, and rubber and miscellaneous plastics products outweighed significant cutbacks in industrial machinery and equipment and lowered production in electronic and other electric equipment and food and kindred products.

Cincinnati PMSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
[Employed and Unemployed in Thousands]

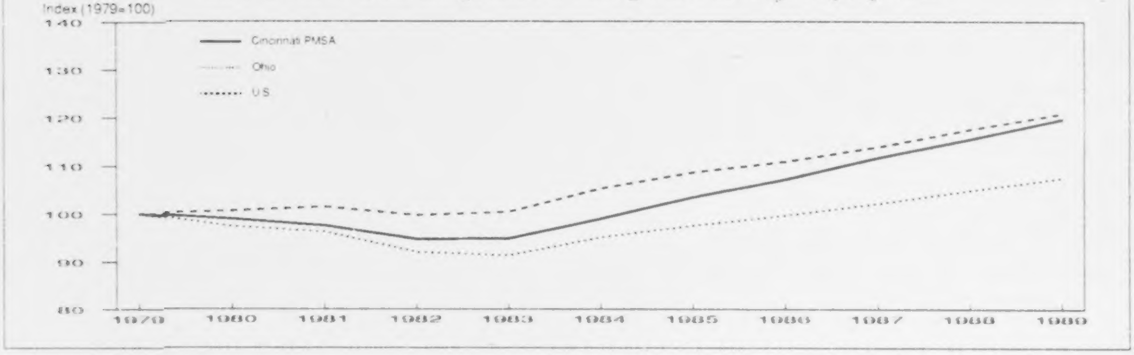
Civilian Labor Force							Nonagricultural Wage and Salary Employment		
	Employment								
		Unemployment							
			Unemployment Rates[b]					Goods–Producing Industries	Service–Producing Industries
			PMSA	Ohio	U.S.				
663.4	628.1	35.3	5.3	5.9	5.8	1979	607.4	200.9	406.5
676.2	628.8	47.5	7.0	8.4	7.1	1980	600.7	188.0	412.6
678.5	619.3	59.1	8.7	9.6	7.6	1981	592.2	179.8	412.4
684.3	612.4	71.9	10.5	12.5	9.7	1982	575.3	167.1	408.2
687.6	615.2	72.4	10.5	12.2	9.6	1983	575.6	161.2	414.4
695.9	638.4	57.5	8.3	9.4	7.5	1984	600.8	167.3	433.5
710.6	659.1	51.5	7.2	8.9	7.2	1985	628.1	171.0	457.1
727.8	680.7	47.2	6.5	8.1	7.0	1986	650.8	174.1	476.7
744.2	700.2	44.0	5.9	7.0	6.2	1987	677.7	175.9	501.8
761.3	722.2	39.0	5.1	6.0	5.5	1988	701.6	177.7	523.9
780.3	745.4	34.9	4.5	5.5	5.3	1989	726.4	181.5	545.0

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.

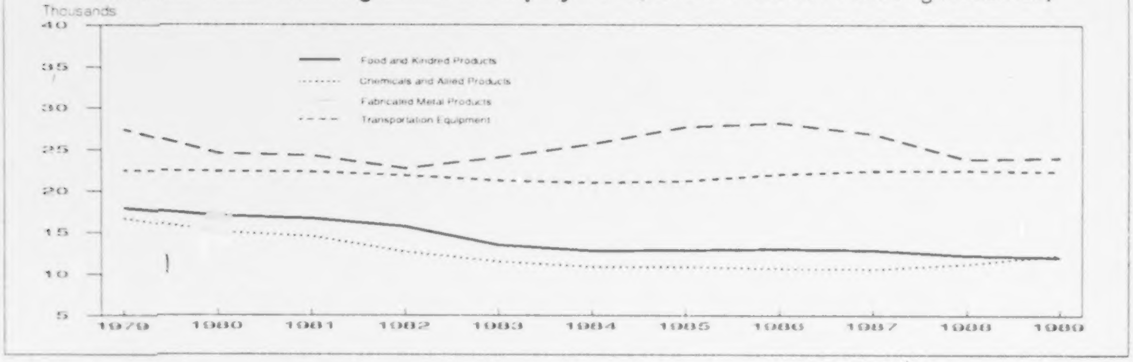
Cincinnati PMSA, Ohio and U.S. Unemployment Rates



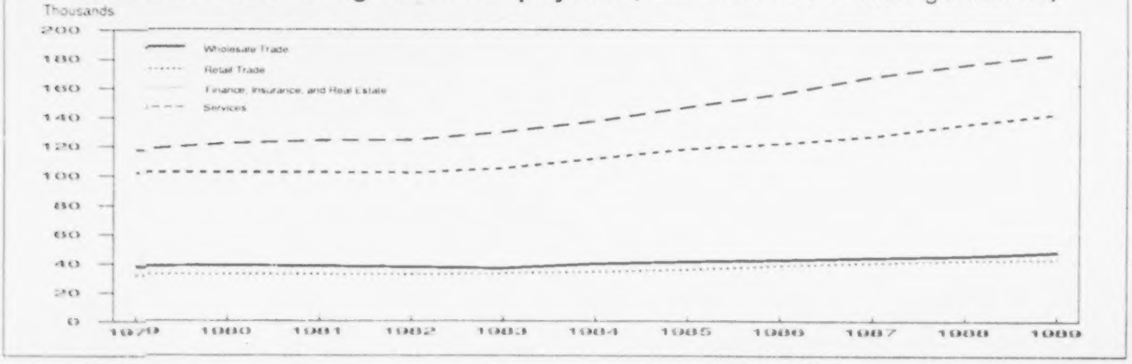
Indexes of Total Nonagricultural Wage and Salary Employment



Cincinnati PMSA Nonagricultural Employment (Selected Goods-Producing Industries)



Cincinnati PMSA Nonagricultural Employment (Selected Service-Producing Industries)



Cincinnati PMSA

Nonagricultural Wage and Salary Employment, 1989[a]
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	726.4	701.9	704.5	713.1	717.9	722.9	729.2	727.7	730.9	738.0	739.2	743.8	748.2
Goods-Producing Industries[b]	181.5	175.7	175.0	176.8	178.3	179.4	181.9	183.1	184.8	185.8	186.0	186.0	185.0
Construction	34.3	30.7	30.4	31.7	33.0	34.3	35.2	36.3	36.5	36.4	36.8	36.0	34.9
Manufacturing	146.7	144.6	144.2	144.8	144.8	144.7	146.2	146.4	147.8	148.9	148.8	149.5	149.7
Durable Goods[c]	79.5	78.4	77.9	78.3	78.7	78.6	79.2	79.4	79.9	80.9	80.5	81.1	81.1
Fabricated Metal Products	12.3	12.2	12.1	12.1	12.3	12.3	12.3	12.4	12.2	12.5	12.4	12.5	12.4
Fabricated Structural Metal Products	4.4	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.4	4.7	4.5	4.6	4.6
Industrial Machinery and Equipment	19.4	19.3	19.2	19.3	19.4	19.2	19.3	19.5	19.3	19.5	19.4	19.5	19.6
Electronic and Other Electric Equipment	7.8	7.7	7.7	7.8	7.8	7.8	7.8	7.7	7.8	7.9	8.0	8.0	8.0
Transportation Equipment	24.0	23.8	23.4	23.4	23.6	23.6	23.9	23.8	24.3	24.5	24.4	24.7	24.8
Motor Vehicles and Equipment	4.9	4.9	5.0	5.0	4.9	4.9	5.0	4.6	5.0	5.0	4.8	5.0	5.0
Instruments and Related Products	3.5	3.5	3.5	3.4	3.4	3.5	3.4	3.5	3.5	3.6	3.7	3.8	3.7
Nondurable Goods[d]	67.2	66.3	66.3	66.5	66.1	66.1	67.1	67.0	68.0	68.0	68.3	68.5	68.6
Food and Kindred Products	12.1	11.9	11.7	11.8	11.8	11.7	11.9	12.0	12.2	12.2	12.4	12.5	12.6
Beverages	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9
Apparel and Other Textile Products	3.6	3.4	3.5	3.5	3.6	3.6	3.6	3.5	3.6	3.6	3.8	3.7	3.7
Paper and Allied Products	5.9	5.8	5.7	5.8	5.8	5.8	5.9	5.9	5.9	5.8	6.0	6.0	6.0
Printing and Publishing	14.2	13.7	14.0	14.0	13.9	13.9	14.1	14.2	14.3	14.3	14.4	14.5	14.5
Commercial Printing	6.2	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.3	6.4
Chemicals and Allied Products	22.4	22.5	22.5	22.5	22.1	22.1	22.4	22.5	22.3	22.3	22.3	22.3	22.4
Rubber and Miscellaneous Plastics Products	6.7	6.6	6.5	6.5	6.4	6.5	6.6	6.6	6.9	7.0	6.9	6.9	6.7
Service-Producing Industries	545.0	526.2	529.5	536.3	539.6	543.5	547.4	544.6	546.1	552.2	553.1	557.8	563.1
Transportation and Public Utilities	39.3	37.7	37.9	38.3	38.7	38.9	39.3	39.5	39.7	40.2	40.5	40.5	40.5
Transportation	23.3	22.0	22.1	22.5	22.9	23.1	23.2	23.3	23.4	24.0	24.2	24.2	24.2
Trucking and Warehousing	10.5	9.8	9.9	10.0	10.4	10.4	10.5	10.6	10.7	10.9	11.0	11.1	11.1
Transportation by Air	6.1	5.8	5.8	5.9	6.0	6.0	6.1	6.2	6.2	6.2	6.2	6.3	6.2
Communications, Electric, Gas Services	16.0	15.7	15.7	15.8	15.8	15.9	16.1	16.2	16.3	16.3	16.3	16.3	16.3
Communications	9.8	9.7	9.7	9.7	9.8	9.7	9.8	9.8	9.8	9.8	9.9	9.9	9.9
Wholesale Trade	47.8	46.7	46.9	47.3	47.1	47.2	47.7	47.9	47.9	47.9	48.4	48.6	49.2
Wholesale Trade-Durable Goods	28.5	28.2	28.3	28.4	28.1	28.1	28.4	28.5	28.5	28.6	28.8	28.8	29.2
Retail Trade	142.3	136.0	135.3	137.6	138.5	140.2	142.2	142.8	143.9	144.6	145.8	148.4	151.8
General Merchandise Stores	21.2	19.9	19.8	20.4	20.4	20.6	20.9	21.0	21.1	21.3	21.8	23.1	24.4
Finance, Insurance, and Real Estate	42.6	41.7	41.9	42.2	42.5	42.7	43.2	43.4	43.2	43.0	42.7	42.6	42.7
Finance	17.3	17.0	17.1	17.2	17.2	17.2	17.3	17.5	17.4	17.3	17.3	17.3	17.3

See footnotes at end of table.

RS-790-1-3 (1989)

Cincinnati PMSA

Nonagricultural Wage and Salary Employment, 1989[a] (continued)

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Depository Institutions	13.5	13.3	13.4	13.4	13.4	13.5	13.6	13.7	13.6	13.6	13.6	13.5	13.6
Commercial Banks	9.4	9.2	9.3	9.3	9.3	9.4	9.5	9.5	9.5	9.4	9.4	9.4	9.4
Insurance	17.1	17.1	17.0	17.1	17.2	17.2	17.3	17.2	17.1	17.1	17.0	17.1	17.0
Insurance Carriers	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.4	14.3	14.3	14.3	14.2
Life Insurance	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.8
Fire, Marine, and Casualty Insurance	5.0	5.0	5.0	4.9	5.0	5.0	5.1	5.1	5.1	5.1	5.0	5.1	5.0
Services	183.1	174.2	175.8	179.1	180.9	182.5	185.7	186.8	187.0	187.4	184.9	186.2	187.2
Hotels and Other Lodging Places	7.4	6.7	6.8	7.1	7.3	7.4	7.6	7.7	7.8	7.6	7.3	7.4	7.4
Personal Services	8.3	8.4	8.5	8.6	8.7	8.1	8.1	8.1	8.2	8.2	8.3	8.4	8.4
Business Services	36.4	35.5	35.8	36.5	35.4	35.4	35.8	36.6	37.3	37.0	37.5	37.1	37.3
Services to Buildings	5.8	5.6	5.9	5.9	5.7	5.8	5.8	5.8	5.9	5.8	5.9	5.9	5.9
Computer and Data Processing Services	4.5	4.3	4.3	4.4	4.3	4.3	4.3	4.6	4.6	4.7	4.6	4.6	4.6
Amusements, Including Motion Pictures	11.8	8.6	8.1	9.0	11.5	13.0	14.5	14.9	14.5	14.1	10.3	11.5	12.1
Health Services	55.9	54.7	55.1	55.6	55.1	55.2	55.8	56.1	56.2	56.3	56.4	56.9	57.1
Nursing and Personal Care Facilities	10.9	10.5	10.6	10.8	10.6	10.7	10.9	10.9	11.0	11.0	11.0	11.0	11.1
Hospitals	26.8	26.5	26.8	27.0	26.5	26.5	26.8	26.9	26.9	26.9	26.9	27.2	27.2
Legal Services	4.3	4.1	4.1	4.1	4.1	4.2	4.3	4.3	4.3	4.3	4.4	4.5	4.5
Educational Services	6.9	6.9	7.3	7.4	7.2	7.1	6.7	6.1	5.8	6.7	7.2	7.4	7.3
Social Services	11.9	11.7	11.7	11.8	11.7	11.7	11.7	11.9	12.0	12.2	12.3	12.3	12.4
Residential Care	4.7	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.8	4.8	4.8	4.8	4.8
Engineering and Management Services	16.2	15.6	16.0	16.0	16.0	16.2	16.4	16.5	16.5	16.3	16.4	16.4	16.5
Engineering and Architectural Services	5.5	5.5	5.5	5.3	5.4	5.5	5.6	5.7	5.6	5.6	5.6	5.6	5.7
Government	89.9	89.8	91.8	91.8	92.0	91.9	89.2	84.2	84.3	89.0	90.9	91.5	91.7
Federal Government	16.1	16.0	17.1	17.1	17.0	16.1	15.8	15.6	15.6	15.7	15.6	15.6	16.0
State Government	20.5	20.4	20.8	20.9	20.9	20.8	20.4	18.8	19.7	19.9	20.9	21.2	21.1
State Government Education[e]	12.5	12.6	13.0	13.0	13.0	12.8	12.4	10.5	11.4	11.7	12.8	13.1	13.0
Local Government	53.3	53.4	53.9	53.8	54.2	55.0	53.0	49.8	49.0	53.4	54.4	54.8	54.7
Local Government Education	29.8	30.6	31.3	31.1	30.9	31.6	28.8	25.2	24.7	29.7	30.9	31.3	31.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-3 (1989)

Cincinnati PMSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.60	$11.48	$11.56	$11.56	$11.57	$11.48	$11.61	$11.50	$11.68	$11.67	$11.71	$11.75	$11.64
Durable Goods[b]	11.46	11.46	11.49	11.47	11.54	11.30	11.50	11.22	11.46	11.50	11.50	11.69	11.38
Fabricated Metal Products	9.92	10.25	10.19	9.93	9.92	9.67	9.83	9.83	9.96	9.93	9.89	9.87	9.80
Fabricated Structural Metal Products	10.74	11.06	10.98	10.50	10.77	10.52	10.84	10.85	10.71	10.79	10.74	10.62	10.54
Industrial Machinery and Equipment	10.83	10.65	10.67	10.69	10.77	10.74	10.85	10.76	10.83	10.96	10.99	10.99	11.05
Electronic and Other Electric Equipment	9.00	8.83	8.85	8.91	8.81	8.95	8.98	8.97	9.06	9.17	9.01	9.09	9.27
Transportation Equipment	16.42	16.15	16.31	16.38	16.42	16.02	16.39	16.10	16.44	16.69	16.71	17.04	16.33
Motor Vehicles and Equipment	17.77	17.46	17.48	17.61	17.68	17.36	17.81	17.20	17.80	18.22	18.00	18.30	18.21
Instruments and Related Products	8.07	7.89	7.99	8.00	7.94	8.08	8.11	8.05	8.03	8.02	8.01	8.27	8.33
Nondurable Goods[c]	11.74	11.49	11.63	11.65	11.61	11.65	11.73	11.77	11.90	11.85	11.93	11.77	11.91
Food and Kindred Products	11.71	11.68	11.36	11.70	11.71	11.72	11.92	11.79	11.86	11.81	11.70	11.61	11.63
Beverages	12.82	12.53	12.55	12.68	12.71	12.56	12.62	12.69	12.87	13.08	13.07	13.14	13.29
Apparel and Other Textile Products	6.27	5.97	5.98	6.15	6.32	6.18	6.22	6.36	6.37	6.37	6.39	6.43	6.46
Paper and Allied Products	10.76	10.52	10.61	10.70	10.70	10.82	10.80	10.83	10.77	10.84	10.91	10.86	10.78
Printing and Publishing	11.71	11.36	11.57	11.81	11.49	11.48	11.56	11.60	11.65	11.91	11.94	12.01	12.08
Commercial Printing	11.70	11.31	11.64	12.04	11.37	11.43	11.53	11.48	11.49	12.05	11.94	11.95	12.05
Chemicals and Allied Products	13.88	13.53	13.85	13.61	13.72	13.68	13.71	13.81	14.13	13.99	14.31	13.92	14.26
Rubber and Miscellaneous Plastics Products	9.51	9.35	9.53	9.48	9.03	9.76	9.69	9.50	9.57	9.72	9.42	9.50	9.55
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.35	14.13	14.00	14.05	14.28	14.29	14.23	14.27	14.39	14.71	14.66	14.58	14.58
Communications	14.54	14.28	14.22	14.27	14.29	14.41	14.31	14.40	14.64	15.09	14.91	14.78	14.84
Wholesale Trade	10.83	10.35	10.66	10.65	10.75	10.83	10.91	10.88	10.95	11.03	10.98	10.96	10.95
Retail Trade[d]	5.91	5.74	5.85	5.84	5.90	5.87	5.87	5.86	5.88	5.97	6.02	6.00	6.06
General Merchandise Stores	6.68	6.54	6.57	6.51	6.64	6.66	6.61	6.68	6.68	6.72	6.75	6.78	6.93
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	12.12	11.55	11.57	11.73	11.91	11.93	12.04	12.17	12.19	12.41	12.42	12.71	12.77
Engineering and Management Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineering and Architectural Services	14.92	13.75	13.89	14.05	14.17	14.78	14.96	15.00	15.38	15.49	15.80	15.75	15.81

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-3 (1989)

Cincinnati PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.9	42.7	42.9	42.4	42.7	42.5	43.1	42.1	43.1	43.4	43.4	43.5	42.8
Durable Goods[b]	43.2	43.3	43.2	42.8	43.5	42.8	43.4	41.6	42.9	43.6	43.7	44.3	42.9
Fabricated Metal Products	42.3	43.3	41.9	41.3	42.1	41.6	42.0	41.5	41.8	42.8	43.0	43.2	43.2
Fabricated Structural Metal Products	43.4	45.3	41.8	41.0	42.7	41.5	42.7	43.4	41.7	45.0	45.1	45.3	44.9
Industrial Machinery and Equipment	42.7	42.6	42.7	42.3	42.6	42.9	43.1	41.8	42.0	42.6	42.6	43.4	43.6
Electronic and Other Electric Equipment	40.6	40.6	39.6	40.0	40.0	40.3	40.6	40.4	40.6	42.3	41.4	40.7	41.0
Transportation Equipment	47.1	47.7	48.2	48.2	49.4	46.2	47.9	43.6	47.0	47.0	47.1	49.4	43.4
Motor Vehicles and Equipment	49.4	49.4	50.6	50.4	50.8	49.3	51.5	40.7	50.8	50.2	48.2	51.2	48.6
Instruments and Related Products	43.9	41.4	42.0	42.0	42.5	44.1	43.4	43.9	44.3	45.4	45.1	46.2	45.7
Nondurable Goods[c]	42.6	42.1	42.6	42.0	42.0	42.3	42.9	42.7	43.3	43.2	43.1	42.7	42.7
Food and Kindred Products	43.3	41.3	41.3	42.7	42.8	42.9	44.6	43.5	44.2	44.7	44.2	43.9	42.5
Beverages	41.4	40.0	39.8	40.3	40.3	40.7	41.2	41.6	42.4	42.6	42.3	42.6	43.4
Apparel and Other Textile Products	38.2	38.4	39.3	37.7	38.3	37.7	37.3	37.0	37.5	38.8	39.2	38.7	38.8
Paper and Allied Products	43.0	42.1	42.6	43.8	43.1	43.5	43.7	43.5	42.7	43.0	42.6	43.4	42.1
Printing and Publishing	40.6	39.2	40.1	40.5	39.6	39.4	39.8	40.5	40.4	41.7	41.5	42.0	42.1
Commercial Printing	43.0	41.9	43.4	43.3	41.6	41.1	42.3	42.5	42.3	45.4	44.5	43.6	44.2
Chemicals and Allied Products	43.7	43.6	44.4	42.2	43.2	42.8	43.3	43.5	45.7	43.6	44.3	42.9	44.5
Rubber and Miscellaneous Plastics Products	43.9	46.3	45.5	44.7	41.5	45.6	45.6	43.2	42.8	44.6	42.9	43.0	42.0
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.8	41.3	40.5	40.9	41.2	40.7	40.9	41.3	41.4	40.9	40.5	40.0	39.6
Communications	40.1	40.4	39.9	40.1	40.2	40.2	40.3	40.8	41.2	40.6	39.8	38.9	38.5
Wholesale Trade	39.3	39.8	39.0	39.0	39.0	38.9	39.2	39.1	39.3	39.7	39.5	39.4	39.2
Retail Trade	28.8	28.5	28.6	28.4	28.7	28.8	29.3	29.6	29.4	28.7	28.6	28.7	28.8
General Merchandise Stores	30.3	29.7	29.8	29.3	30.0	30.3	30.5	30.5	30.6	30.1	30.1	30.2	32.0
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	32.2	32.6	32.5	31.9	31.8	31.4	31.6	31.5	32.0	32.1	32.3	32.6	33.5
Engineering and Management Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Engineering and Architectural Services	41.3	41.4	41.6	42.6	41.7	40.3	39.6	40.9	40.8	42.7	41.5	40.9	41.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-3 (1989)

Cincinnati PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$497.64	$490.20	$495.92	$490.14	$494.04	$487.90	$500.39	$484.15	$503.41	$506.48	$508.21	$511.13	$498.19
Durable Goods[b]	495.07	496.22	496.37	490.92	501.99	483.64	499.10	466.75	491.63	501.40	502.55	517.87	488.20
Fabricated Metal Products	419.62	443.83	426.96	410.11	417.63	402.27	412.86	407.95	416.33	425.00	425.27	426.38	423.36
Fabricated Structural Metal Products	466.12	501.02	458.96	430.50	459.88	436.58	462.87	470.89	446.61	485.55	484.37	481.09	473.25
Industrial Machinery and Equipment	462.44	453.69	455.61	452.19	458.80	460.75	467.64	449.77	454.86	466.90	468.17	476.97	481.78
Electronic and Other Electric Equipment	365.40	358.50	350.46	356.40	352.40	360.69	364.59	362.39	367.84	387.89	373.01	369.96	380.07
Transportation Equipment	773.38	770.36	786.14	789.52	811.15	740.12	785.08	701.96	772.68	784.43	787.04	841.78	708.72
Motor Vehicles and Equipment	877.84	862.52	884.49	887.54	898.14	855.85	917.22	700.04	904.24	914.64	867.60	936.96	885.01
Instruments and Related Products	354.27	326.65	335.58	336.00	337.45	356.33	351.97	353.40	355.73	364.11	361.25	382.07	380.68
Nondurable Goods[c]	500.12	483.73	495.44	489.30	487.62	492.80	503.22	502.58	515.27	511.92	514.18	502.58	508.56
Food and Kindred Products	507.04	482.38	469.17	499.59	501.19	502.79	531.63	512.87	524.21	527.91	517.14	509.68	494.28
Beverages	530.75	501.20	499.49	511.00	512.21	511.19	519.94	527.90	545.69	557.21	552.86	559.76	576.79
Apparel and Other Textile Products	239.51	229.25	235.01	231.86	242.06	232.99	232.01	235.32	238.88	247.16	250.49	248.84	250.65
Paper and Allied Products	462.68	442.89	451.99	468.66	461.17	470.67	471.96	471.11	459.88	466.12	464.77	471.32	453.84
Printing and Publishing	475.43	445.31	463.96	478.31	455.00	452.31	460.09	469.80	470.66	496.65	495.51	504.42	508.57
Commercial Printing	503.10	473.89	505.18	521.33	472.99	469.77	487.72	487.90	486.03	547.07	531.33	521.02	532.61
Chemicals and Allied Products	606.56	589.91	614.94	574.34	592.70	585.50	593.64	600.74	645.74	609.96	633.93	597.17	634.57
Rubber and Miscellaneous Plastics Products	417.49	432.91	433.62	423.76	374.75	445.06	441.86	410.40	409.60	433.51	404.12	408.50	401.10
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	585.48	583.57	567.00	574.65	588.34	581.60	582.01	589.35	595.75	601.64	593.73	583.20	577.37
Communications	583.05	576.91	567.38	572.23	574.46	579.28	576.69	587.52	603.17	612.65	593.42	574.94	571.34
Wholesale Trade	425.62	411.93	415.74	415.35	419.25	421.29	427.67	425.41	430.34	437.89	433.71	431.82	429.24
Retail Trade[d]	170.21	163.59	167.31	165.86	169.33	169.06	171.99	173.46	172.87	171.34	172.17	172.20	174.53
General Merchandise Stores	202.40	194.24	195.79	190.74	199.20	201.80	201.61	203.74	204.41	202.27	203.18	204.76	221.76
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	......	......	......	......	......	......	......	......	......	......	......	......	......
Depository Institutions	283.23	265.16	270.12	274.98	278.79	280.18	281.25	285.25	284.28	286.85	292.72	299.77	299.54
Commercial Banks	262.05	262.08	259.58	258.17	259.96	260.78	258.16	263.78	259.49	259.86	262.64	271.97	269.08
Insurance	......	......	......	......	......	......	......	......	......	......	......	......	......
Insurance Carriers	400.75	393.48	398.82	398.01	397.30	397.10	398.52	397.95	402.32	403.86	405.94	405.94	409.09
Life Insurance	412.33	407.52	409.20	415.57	412.02	407.87	409.10	409.33	412.42	413.32	416.16	416.60	417.21
Fire, Marine, and Casualty Insurance	405.80	387.79	390.47	388.99	393.58	400.56	408.92	409.68	415.78	412.50	423.21	418.88	421.88
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	390.26	376.53	376.03	374.19	378.74	374.60	380.46	383.36	390.08	398.36	401.17	414.35	427.80
Engineering and Management Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Engineering and Architectural Services	616.20	569.25	577.82	598.53	590.89	595.63	592.42	613.50	627.50	661.42	655.70	644.18	659.28

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [e] Depressed due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-3 (1989)

Cincinnati PMSA

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	701.6	677.2	676.6	679.5	696.6	705.8	709.4	704.9	708.3	714.3	712.7	715.0	718.9
Goods-Producing Industries[b]	177.7	172.9	171.7	166.9	176.4	177.8	179.6	180.9	181.8	182.2	180.9	180.7	180.3
Construction	31.6	26.8	26.5	28.1	30.6	31.9	32.7	33.5	34.0	34.1	34.0	33.5	32.8
Manufacturing	145.7	145.7	144.8	138.3	145.4	145.5	146.4	146.9	147.4	147.6	146.5	146.9	147.1
Durable Goods[c]	78.7	79.0	78.1	71.8	78.8	78.6	79.0	79.4	79.8	80.1	79.7	79.8	79.9
Fabricated Metal Products	11.2	11.0	10.8	10.8	10.9	10.9	11.1	11.1	11.2	11.4	11.7	11.9	12.1
Fabricated Structural Metal Products	4.2	4.3	4.0	4.0	4.2	4.1	4.1	4.1	4.1	4.2	4.3	4.3	4.4
Industrial Machinery and Equipment	20.5	20.7	20.6	20.7	20.7	20.6	20.6	20.7	20.7	20.7	20.1	19.9	19.8
Electronic and Other Electric Equipment	8.0	7.8	7.9	7.8	7.8	7.9	8.0	7.9	8.0	8.1	8.2	8.2	8.3
Transportation Equipment	23.8	25.3	24.6	18.1[f]	24.5	24.2	24.2	24.2	24.2	24.1	24.2	24.1	23.9
Motor Vehicles and Equipment	4.9	5.2	4.9	4.9	4.9	4.9	4.7	4.7	4.8	4.8	4.9	4.9	4.9
Instruments and Related Products	3.6	3.4	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.5	3.6	3.6
Nondurable Goods[d]	67.0	66.8	66.7	66.5	66.6	66.9	67.5	67.5	67.6	67.5	66.8	67.1	67.2
Food and Kindred Products	12.3	12.4	12.2	12.4	12.2	12.2	12.3	12.4	12.5	12.4	12.1	12.2	12.1
Beverages	3.2	3.4	3.3	3.3	3.2	3.1	3.2	3.3	3.4	3.2	3.2	3.2	3.2
Apparel and Other Textile Products	3.5	3.6	3.6	3.6	3.5	3.5	3.4	3.5	3.5	3.5	3.5	3.6	3.6
Paper and Allied Products	5.9	5.9	5.9	5.9	5.9	6.0	6.0	5.9	5.9	6.0	5.9	5.9	5.9
Printing and Publishing	13.9	13.7	13.7	13.5	13.7	13.8	13.9	14.0	14.1	14.1	14.2	14.3	14.4
Commercial Printing	6.2	6.0	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.4	6.4
Chemicals and Allied Products	22.5	22.5	22.5	22.5	22.4	22.4	22.7	22.8	22.7	22.6	22.2	22.2	22.3
Rubber and Miscellaneous Plastics Products	6.5	6.4	6.5	6.4	6.5	6.6	6.5	6.4	6.4	6.5	6.5	6.5	6.5
Service-Producing Industries	523.9	504.2	504.9	512.6	520.2	528.0	529.9	524.0	526.5	532.1	531.8	534.2	538.6
Transportation and Public Utilities	37.8	36.5	36.9	37.1	37.3	37.7	38.2	38.0	38.1	38.5	38.4	38.3	38.5
Transportation	22.2	21.3	21.5	21.7	21.9	22.2	22.5	22.2	22.3	22.8	22.8	22.8	22.8
Trucking and Warehousing	10.3	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.5	10.4	10.4	10.5
Transportation by Air	5.6	5.3	5.5	5.5	5.4	5.5	5.6	5.7	5.7	[illegible].8	5.7	5.7	5.7
Communications, Electric, Gas Services	15.5	15.3	15.3	15.4	15.3	15.5	15.7	15.8	15.7	15.7	15.6	15.5	15.6
Communications	9.7	9.7	9.7	9.7	9.5	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Wholesale Trade	45.0	43.5	43.7	44.0	44.6	44.9	45.5	45.5	45.2	45.3	45.6	46.1	46.2
Wholesale Trade-Durable Goods	26.5	25.6	25.8	25.9	26.1	26.2	26.5	26.6	26.6	26.8	27.1	27.4	27.5
Retail Trade	135.0	129.4	128.3	129.9	132.3	134.6	135.4	135.5	136.8	137.1	137.1	140.1	143.6
General Merchandise Stores	19.2	19.7	18.6	19.2	19.1	18.9	18.6	18.3	18.2	18.6	18.9	20.5	21.9
Finance, Insurance, and Real Estate	42.0	41.0	41.2	41.4	41.8	42.1	42.7	42.7	42.7	42.4	42.1	42.1	42.1
Finance	16.9	16.6	16.6	16.6	17.0	17.0	17.2	17.0	17.0	16.9	16.9	17.0	17.0

See footnotes at end of table.

Cincinnati PMSA

Nonagricultural Wage and Salary Employment, 1988[a] (continued)

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Depository Institutions	13.0	12.6	12.6	12.6	13.0	13.1	13.3	13.1	13.2	13.1	13.1	13.2	13.2
Commercial Banks	9.0	8.5	8.6	8.6	9.0	9.1	9.2	9.1	9.1	9.1	9.1	9.2	9.3
Insurance	17.1	16.9	17.0	17.1	17.0	17.1	17.2	17.2	17.3	17.3	17.2	17.2	17.1
Insurance Carriers	14.5	14.2	14.3	14.4	14.3	14.4	14.5	14.6	14.6	14.6	14.6	14.6	14.5
Life Insurance	7.0	6.8	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.1	7.1	7.1	7.1
Fire, Marine, and Casualty Insurance	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.0	4.9	5.0	5.0
Services	176.4	166.3	167.0	171.0	174.6	177.8	180.9	180.4	182.1	181.0	179.1	177.7	178.8
Hotels and Other Lodging Places	7.3	6.7	6.8	6.9	7.2	7.4	7.7	7.9	7.9	7.8	7.3	7.3	7.2
Personal Services	8.1	8.1	8.3	8.4	8.4	8.0	8.0	7.9	7.9	7.9	8.0	8.0	8.2
Business Services	35.5	33.3	33.2	33.8	34.2	35.1	36.2	36.5	37.3	37.0	36.4	36.1	36.6
Services to Buildings	6.0	5.6	5.8	6.0	6.2	6.2	6.4	6.1	6.3	6.2	5.8	5.8	5.9
Computer and Data Processing Services	3.9	3.7	3.7	3.7	3.7	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.2
Amusements, Including Motion Pictures	11.1	7.8	7.6	9.4	10.7	12.4	13.7	13.6	14.1	12.5	11.0	9.9	10.0
Health Services	53.8	52.7	52.8	53.2	53.3	53.7	54.1	53.9	54.1	54.2	54.2	54.4	54.7
Nursing and Personal Care Facilities	10.7	10.5	10.5	10.9	10.7	10.8	10.8	10.6	10.6	10.7	10.7	10.6	10.7
Hospitals	25.7	25.4	25.4	25.4	25.5	25.7	25.9	25.8	25.9	25.9	25.8	26.0	26.1
Legal Services	4.2	4.0	4.1	4.0	4.0	4.1	4.2	4.2	4.2	4.2	4.3	4.4	4.4
Educational Services	7.0	7.2	7.4	7.6	7.4	7.2	6.7	6.0	5.9	6.8	7.2	7.2	7.3
Social Services	11.2	10.7	10.7	10.8	10.9	11.0	11.1	11.3	11.4	11.5	11.6	11.6	11.6
Residential Care	4.3	4.0	4.1	4.1	4.2	4.2	4.2	4.4	4.5	4.5	4.5	4.5	4.4
Engineering and Management Services	15.5	14.5	14.8	15.0	15.4	15.5	15.8	15.8	15.9	15.9	15.6	15.7	15.7
Engineering and Architectural Services	5.2	4.9	4.9	4.9	5.0	5.1	5.3	5.3	5.3	5.4	5.4	5.5	5.5
Government	87.7	87.6	87.7	89.2	89.6	90.9	87.2	81.9	81.6	88.0	89.6	90.0	89.5
Federal Government	15.5	15.4	15.3	15.8	16.0	15.8	15.2	15.2	15.2	15.4	15.4	15.3	15.4
State Government	19.9	19.8	20.4	20.5	20.4	20.5	19.8	18.4	18.7	19.1	20.3	20.7	20.4
State Government Education[e]	12.1	12.0	12.7	12.8	12.7	12.8	11.9	10.5	10.8	11.3	12.6	12.9	12.7
Local Government	52.4	52.4	52.1[f]	53.0	53.2	54.5	52.1	48.3	47.7	53.5	53.9	54.0	53.7
Local Government Education	29.4	30.3	30.8	30.9	30.6	31.6	28.6	24.4	23.9	30.0	30.4	30.6	30.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-3 (1988)

Cincinnati PMSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.23	$11.19	$11.14	$10.89	$11.10	$11.15	$11.20	$11.19	$11.32	$11.34	$11.35	$11.40	$11.42
Durable Goods[b]	11.11	11.16	11.13	10.41	10.95	10.98	11.12	10.95	11.14	11.16	11.26	11.40	11.43
Fabricated Metal Products	10.00	9.98	9.90	9.78	9.90	9.91	10.00	9.99	10.06	10.08	10.08	10.09	10.17
Fabricated Structural Metal Products	10.45	10.03	10.04	9.83	10.03	10.10	10.34	10.67	10.73	10.82	10.83	10.92	10.99
Industrial Machinery and Equipment	10.55	10.51	10.47	10.45	10.51	10.40	10.49	10.53	10.51	10.63	10.70	10.80	10.64
Electronic and Other Electric Equipment	8.51	8.54	8.41	8.41	8.40	8.28	8.23	8.42	8.47	8.44	8.73	8.77	8.91
Transportation Equipment	15.49	15.29	15.42	16.25	15.01	15.26	15.47	15.16	15.48	15.52	15.48	15.82	16.03
Motor Vehicles and Equipment	17.04	16.36	16.70	16.86	16.92	17.04	17.33	16.41	17.11	17.24	17.10	17.38	17.70
Instruments and Related Products	8.12	8.21	8.19	8.22	8.11	8.11	8.21	8.12	8.04	7.99	8.06	8.01	8.14
Nondurable Goods[c]	11.33	11.20	11.11	11.24	11.23	11.29	11.28	11.40	11.47	11.51	11.43	11.38	11.41
Food and Kindred Products	11.80	12.02	11.61	11.66	11.74	11.71	11.61	12.17	11.79	11.80	11.89	11.81	11.77
Beverages	12.46	12.56	12.46	12.41	12.48	12.32	12.52	12.55	12.49	12.45	12.45	12.42	12.45
Apparel and Other Textile Products	5.88	5.63	5.71	5.80	5.96	5.97	5.87	5.73	5.85	5.91	6.07	6.05	6.01
Paper and Allied Products	10.10	9.92	9.90	9.87	9.96	10.10	10.08	10.13	10.18	10.15	10.16	10.29	10.38
Printing and Publishing	11.51	11.43	11.57	11.80	11.51	11.48	11.35	11.41	11.54	11.62	11.53	11.34	11.52
Commercial Printing	11.54	11.60	11.79	12.01	11.40	11.39	11.37	11.38	11.60	11.57	11.46	11.21	11.60
Chemicals and Allied Products	13.19	12.98	12.85	12.99	13.03	13.17	13.19	13.22	13.41	13.45	13.32	13.37	13.24
Rubber and Miscellaneous Plastics Products	9.34	9.16	9.24	9.26	9.35	9.21	9.30	9.25	9.27	9.58	9.42	9.46	9.49
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	13.85	13.64	13.60	13.64	13.61	13.80	13.85	13.83	13.91	14.09	14.08	14.10	14.02
Communications	13.99	13.85	13.87	13.90	13.77	13.78	13.90	13.91	14.05	14.29	14.21	14.19	14.13
Wholesale Trade	10.31	10.07	10.16	10.17	10.19	10.30	10.34	10.34	10.37	10.44	10.48	10.48	10.33
Retail Trade[d]	5.67	5.72	5.67	5.61	5.66	5.65	5.60	5.61	5.64	5.71	5.72	5.76	5.75
General Merchandise Stores	6.46	6.51	6.24	6.31	6.33	6.34	6.37	6.46	6.47	6.61	6.60	6.58	6.64
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	11.27	11.06	11.24	11.21	11.24	11.19	11.18	11.21	11.20	11.31	11.37	11.49	11.51

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-3 (1988)

Cincinnati PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.4	43.1	42.0	41.9	41.9	42.0	41.9	41.5	42.3	42.9	42.9	43.0	43.4
Durable Goods[b]	42.7	43.1	42.7	41.7	42.1	42.3	42.6	41.4	42.6	43.1	43.3	43.7	43.9
Fabricated Metal Products	42.2	42.8	41.6	40.3	41.7	41.8	41.4	41.6	41.8	42.7	42.8	44.0	43.8
Fabricated Structural Metal Products	42.3	41.2	40.0	37.9	41.2	41.8	41.9	43.4	43.6	44.0	44.1	43.9	44.8
Industrial Machinery and Equipment	42.9	42.9	42.5	42.3	42.7	43.1	43.0	42.7	42.8	43.4	43.2	43.2	42.9
Electronic and Other Electric Equipment	39.4	40.7	39.2	39.2	38.6	38.5	38.8	38.3	39.1	38.7	39.9	40.5	41.7
Transportation Equipment	46.0	46.9	47.4	46.6	44.9	45.4	46.6	41.9	45.3	46.1	46.2	47.2	47.5
Motor Vehicles and Equipment	48.6	46.4	47.9	47.9	49.3	50.0	51.7	38.2	49.4	50.1	49.9	50.6	51.2
Instruments and Related Products	41.0	40.3	39.4	39.7	39.3	39.5	40.2	41.8	41.8	41.8	41.9	44.3	42.1
Nondurable Goods[c]	42.3	43.1	41.5	42.3	42.0	41.9	41.5	41.7	42.3	43.0	42.7	42.6	43.1
Food and Kindred Products	43.1	46.1	42.3	42.0	41.5	41.7	41.6	43.9	43.4	43.8	44.1	43.6	42.8
Beverages	41.4	42.4	42.5	41.9	41.6	41.0	41.5	41.9	41.8	40.9	40.5	40.3	41.2
Apparel and Other Textile Products	38.1	36.8	36.7	39.9	38.5	38.2	37.0	36.5	36.9	38.4	39.1	39.9	39.5
Paper and Allied Products	42.5	42.4	41.4	41.7	42.4	42.3	41.7	41.5	43.0	43.9	43.5	43.2	43.3
Printing and Publishing	40.2	41.4	41.0	41.3	39.7	39.5	39.3	40.0	40.1	41.1	39.1	38.9	41.1
Commercial Printing	43.5	43.6	44.5	45.0	42.8	42.5	41.8	43.3	44.0	45.6	42.5	41.4	44.6
Chemicals and Allied Products	42.6	43.2	41.3	42.6	42.0	42.6	42.2	41.9	43.2	43.0	43.0	43.2	43.6
Rubber and Miscellaneous Plastics Products	44.6	44.2	42.4	43.6	46.5	44.2	43.2	41.7	43.0	45.4	47.1	46.5	46.8
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.6	40.0	39.7	40.1	40.1	40.3	40.7	41.1	41.4	40.8	40.9	40.8	40.8
Communications	40.2	39.3	39.4	39.9	39.7	39.8	40.4	40.6	41.4	40.5	40.5	40.2	40.2
Wholesale Trade	38.9	39.0	38.4	38.9	38.4	38.7	38.6	38.6	38.9	39.2	39.5	39.4	39.6
Retail Trade	29.4	28.7	28.6	29.2	29.3	29.1	29.8	29.9	29.8	29.4	29.2	29.0	29.7
General Merchandise Stores	29.9	29.0	28.6	29.8	29.8	30.1	30.2	30.3	30.2	30.0	29.8	29.7	31.2
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	32.7	32.7	32.6	32.7	32.5	32.6	33.0	33.0	32.7	32.6	32.6	32.7	32.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-3 (1988)

Cincinnati PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$476.15	$482.29	$467.88	$456.29	$465.09	$468.30	$469.28	$464.39	$478.84	$486.49	$486.92	$490.20	$495.63
Durable Goods[b]	474.40	481.00	475.25	434.10	461.00	464.45	473.71	453.33	474.56	481.00	487.56	498.18	501.78
Fabricated Metal Products	422.00	427.14	411.84	394.13	412.83	414.24	414.00	415.58	420.51	430.42	431.42	443.96	445.45
Fabricated Structural Metal Products	442.04	413.24	401.60	372.56	413.24	422.18	433.25	463.08	467.83	476.08	477.60	479.39	492.35
Industrial Machinery and Equipment	452.60	450.88	444.98	442.04	448.78	448.24	451.07	449.63	449.83	461.34	462.24	466.56	456.46
Electronic and Other Electric Equipment	335.29	347.58	329.67	329.67	324.24	318.78	319.32	322.49	331.18	326.63	348.33	355.19	371.55
Transportation Equipment	712.54	717.10	730.91	757.25	673.95	692.80	720.90	635.20	701.24	715.47	715.18	746.70	761.43
Motor Vehicles and Equipment	828.14	759.10	799.93	807.59	834.16	852.00	895.96	626.86	845.23	863.72	853.29	879.43	906.24
Instruments and Related Products	332.92	330.86	322.69	326.33	318.72	320.35	330.04	339.42	336.07	333.98	337.71	354.84	342.69
Nondurable Goods[c]	479.26	482.72	461.07	475.45	471.66	473.05	468.12	475.38	485.18	494.93	488.06	484.79	491.77
Food and Kindred Products	508.58	554.12	491.10	489.72	487.21	488.31	482.98	534.26	511.69	516.84	524.35	514.92	503.76
Beverages	515.84	532.54	529.55	519.98	519.17	505.12	519.58	525.85	522.08	509.21	504.23	500.53	512.94
Apparel and Other Textile Products	224.03	207.18	209.56	231.42	229.46	228.05	217.19	209.15	215.87	226.94	237.34	241.40	237.40
Paper and Allied Products	429.25	420.61	409.86	411.58	422.30	427.23	420.34	420.40	437.74	445.59	441.96	444.53	449.45
Printing and Publishing	462.70	473.20	474.37	487.34	456.95	453.46	446.06	456.40	462.75	477.58	450.82	441.13	473.47
Commercial Printing	501.99	505.76	524.66	540.45	487.92	484.08	475.27	492.75	510.40	527.59	487.05	464.09	517.36
Chemicals and Allied Products	561.89	560.74	530.71	553.37	547.26	561.04	556.62	553.92	579.31	578.35	572.76	577.58	577.26
Rubber and Miscellaneous Plastics Products	416.56	404.87	391.78	403.74	434.78	407.08	401.76	385.73	398.61	434.93	443.68	439.89	444.13
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	562.31	545.60	539.92	546.96	545.76	556.14	563.70	568.41	575.87	574.87	575.87[f]	575.28	572.02
Communications	562.40	544.31	546.48	554.61	546.67	548.44	561.56	564.75	581.67	578.75	575.51	570.44	568.03
Wholesale Trade	401.06	392.73	390.14	395.61	391.30	398.61	399.12	399.12	403.39	409.25	413.96	412.91	409.07
Retail Trade[d]	166.70	164.16	162.16	163.81	165.84	164.42	166.88	167.74	168.07	167.87	167.02	167.04	170.78
General Merchandise Stores	193.15	188.79	178.46	188.04	188.63	190.83	192.37	195.74	195.39	198.30	196.68	195.43	207.17
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	......	......	......	......	......	......	......	......	......	......	......	......	......
Depository Institutions	267.48	261.66	266.00	266.80	266.92	263.29	267.29	272.31	269.07	268.55	269.52	268.66	269.33
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	368.53	361.66	366.42	366.57	365.30	364.79	368.94	369.93	366.24	368.71	370.66	375.72	374.08

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-3 (1988)

Cincinnati PMSA

Nonagricultural Wage and Salary Employment, 1979-1987[a]

(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	607.4	600.7	592.2	575.3	575.6	600.8	628.1	650.8	677.7
Goods-Producing Industries[b]	200.9	188.0	179.8	167.1	161.2	167.3	171.0	174.1	175.9
Construction	27.4	25.3	22.2	20.4	20.4	21.9	23.5	26.1	29.5
Manufacturing	173.1	162.4	157.3	146.3	140.4	145.0	147.1	147.7	146.0
Durable Goods[c]	98.9	90.7	87.8	80.1	76.9	81.0	82.7	81.8	79.4
Fabricated Metal Products	16.7	15.1	14.5	12.7	11.5	10.9	10.9	10.6	10.6
Fabricated Structural Metal Products	5.4	5.2	4.8	4.3	3.8	3.9	4.0	4.0	4.2
Industrial Machinery and Equipment	26.9	26.4	25.3	22.7	19.5	21.5	21.7	21.4	20.7
Electronic and Other Electric Equipment	8.7	8.0	8.1	7.4	7.5	7.8	7.3	7.1	7.2
Transportation Equipment	27.4	24.5	24.2	22.7	24.0	25.6	27.6	28.1	26.8
Motor Vehicles and Equipment	12.7	8.3	8.3	8.1	9.2	10.1	10.0	8.6	6.2
Instruments and Related Products	.....	.....	.....	.....	2.8	2.8	3.0	3.2	3.4
Nondurable Goods[d]	74.3	71.7	69.5	66.3	63.5	64.0	64.5	65.8	66.7
Food and Kindred Products	17.9	17.0	16.6	15.7	13.5	12.8	12.9	13.0	12.9
Beverages	5.2	5.0	4.9	4.4	4.2	4.1	4.1	3.9	3.7
Apparel and Other Textile Products	4.1	3.8	3.8	3.8	3.8	3.9	3.6	3.4	3.5
Paper and Allied Products	6.3	6.2	6.1	5.6	5.6	5.8	6.0	5.9	6.0
Printing and Publishing	13.0	12.6	11.9	11.6	11.6	12.2	12.5	13.1	13.4
Commercial Printing	.....	.....	.....	.....	4.7	5.1	5.3	5.5	5.8
Chemicals and Allied Products	22.5	22.3	22.3	21.9	21.2	20.9	21.2	22.0	22.4
Rubber and Miscellaneous Plastics Products	5.3	4.9	4.6	4.3	4.6	5.3	5.6	5.9	6.1
Service-Producing Industries	406.5	412.6	412.4	408.2	414.4	433.5	457.1	476.7	501.8
Transportation and Public Utilities	34.2	33.7	33.3	32.4	31.4	32.5	33.8	33.5	35.7
Transportation	21.0	19.6	18.9	17.7	16.7	17.8	19.0	18.8	20.7
Trucking and Warehousing	.....	.....	.....	.....	8.9	9.3	9.7	9.4	10.0
Communications, Electric, Gas Services	13.2	14.1	14.4	14.7	14.7	14.6	14.8	14.7	15.1
Communications	.....	.....	.....	.....	8.9	9.1	9.4	9.4	9.6
Wholesale Trade	37.9	38.6	38.2	37.3	36.6	39.4	41.2	42.5	43.8
Wholesale Trade-Durable Goods	.....	.....	.....	.....	21.2	23.3	24.6	25.4	25.8
Retail Trade	102.1	102.1	102.1	101.5	104.6	111.3	118.2	121.9	127.0
General Merchandise Stores	19.5	19.7	19.4	19.4	19.2	19.3	18.9	18.4	18.5
Finance, Insurance, and Real Estate	32.1	32.6	32.6	32.3	32.8	33.9	35.7	38.2	40.4
Insurance	.....	.....	.....	.....	.....	.....	.....	.....	.....
Insurance Carriers	11.0	11.1	11.4	11.3	11.1	10.9	11.5	12.7	13.9

See footnotes at end of table.

RS-790-1-3(1979-1987)

Cincinnati PMSA

Nonagricultural Wage and Salary Employment, 1979–1987[a] (continued)

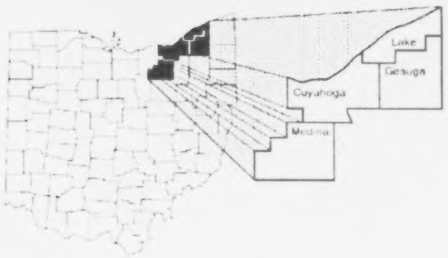
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Services	117.4	121.7	123.9	124.3	129.7	137.1	147.1	155.9	168.0
Hotels and Other Lodging Places	.....	.....	.....	.....	5.5	6.0	6.0	6.1	6.7
Personal Services	.....	.....	.....	.....	6.0	6.4	7.0	7.3	7.8
Health Services	.....	.....	.....	.....	44.2	45.2	46.7	48.9	52.2
Hospitals	.....	.....	.....	.....	23.6	22.7	23.0	23.5	25.0
Educational Services	.....	.....	.....	.....	7.0	6.8	7.5	7.3	7.1
Social Services	.....	.....	.....	.....	7.7	8.7	9.2	9.6	10.4
Government	82.8	83.9	82.4	80.5	79.2	79.3	81.2	84.7	86.8
Federal Government	13.3	13.8	13.1	12.6	12.4	12.8	13.2	14.2	14.9
State Government	17.6	18.3	18.1	18.0	17.8	18.0	18.3	19.2	19.8
State Government Education[e]	.....	.....	.....	.....	10.6	10.7	10.9	11.5	11.9
Local Government	51.8	51.8	51.2	49.8	49.0	48.6	49.7	51.3	52.1
Local Government Education	29.1	29.1	29.0	28.1	27.4	27.1	28.1	29.3	29.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-3 (1979-1987)

Cleveland
Primary Metropolitan Statistical Area



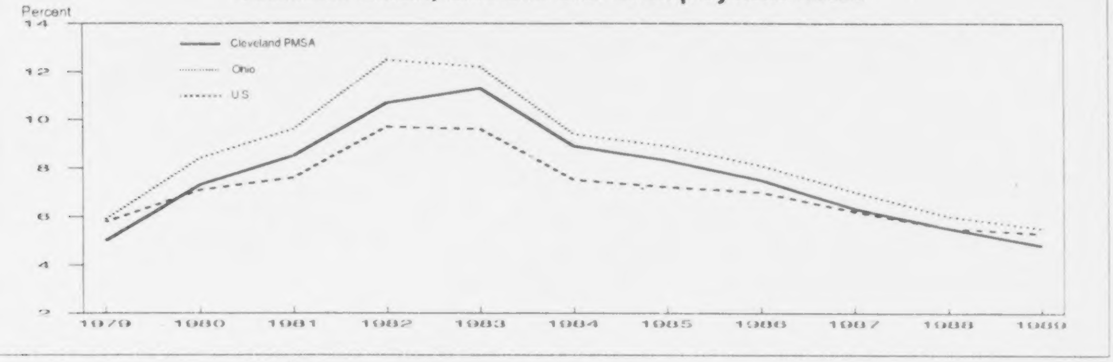
The estimated annual average civilian labor force in the Cleveland metropolitan area, distributed by place of residence, was 951,700 in 1989, up 15,200 from the 1988 level. Total employment increased 20,700 over the year, while unemployment decreased 5,400 to 46,000. The unemployment rate dropped from 5.5 percent in 1988 to 4.8 percent in 1989. (See table below.)

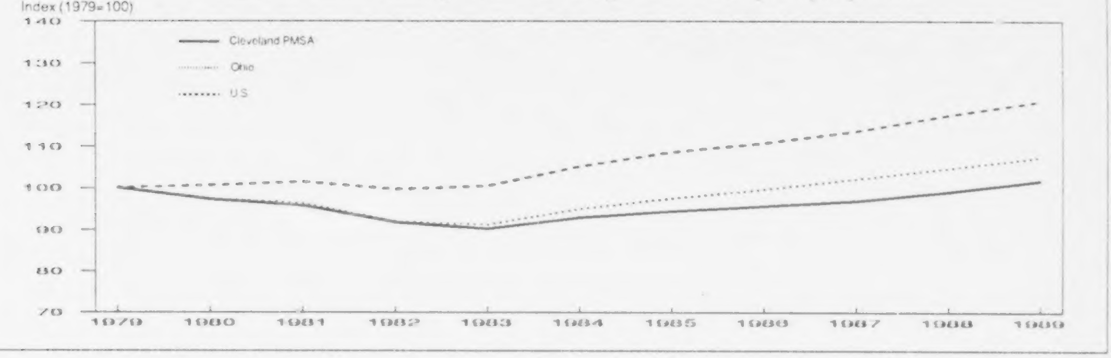
Nonagricultural wage and salary employment, at 935,200 in 1989, advanced 23,900 above the 1988 level, a 2.6 percent gain. Improvements in the service-producing sector contributed 69.9 percent of the increase as significant growth in services, especially business services, engineering and management services, and health services, created 8,700 jobs. Notable expansion was also posted in wholesale trade (+2,600), retail trade (+2,300), and government (+1,700). Employment in goods-producing industries rose 7,200 in 1989 to 240,800. Increased production in durable and nondurable goods added 3,700 manufacturing workers over the year. Moderate growth was recorded in industrial machinery and equipment, fabricated metal products, and printing and publishing. Construction gained 3,500 employees primarily due to more business in special trade contractors.

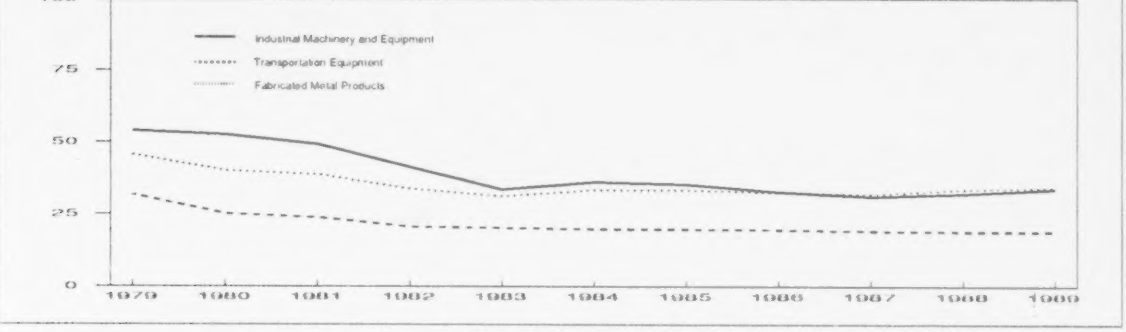
Cleveland PMSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

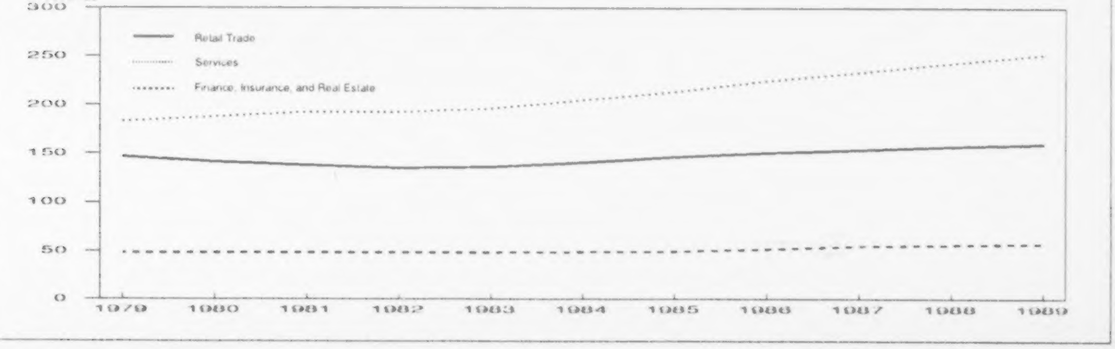
Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment	Goods–Producing Industries	Service–Producing Industries
			PMSA	Ohio	U.S.				
935.8	889.1	46.7	5.0	5.9	5.8	1979	919.8	311.5	608.4
937.1	869.1	68.0	7.3	8.4	7.1	1980	895.7	286.1	609.5
934.0	854.0	79.8	8.5	9.6	7.6	1981	880.7	275.7	605.0
933.4	833.2	100.2	10.7	12.5	9.7	1982	844.6	249.2	595.4
928.7	823.4	105.3	11.3	12.2	9.6	1983	829.8	233.8	596.0
923.6	841.0	82.6	8.9	9.4	7.5	1984	854.5	242.6	611.8
926.0	849.2	76.8	8.3	8.9	7.2	1985	868.7	239.9	628.8
932.8	862.7	70.1	7.5	8.1	7.0	1986	879.2	232.3	646.9
927.0	869.0	58.0	6.3	7.0	6.2	1987	891.6	230.1	661.5
936.5	885.0	51.4	5.5	6.0	5.5	1988	911.3	233.6	677.7
951.7	905.7	46.0	4.8	5.5	5.3	1989	935.2	240.8	694.4

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.


Cleveland PMSA, Ohio and U.S. Unemployment Rates


Indexes of Total Nonagricultural Wage and Salary Employment


Cleveland PMSA Nonagricultural Employment (Selected Goods–Producing Industries)


Cleveland PMSA Nonagricultural Employment (Selected Service–Producing Industries)

Cleveland PMSA

Nonagricultural Wage and Salary Employment, 1989[a]

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	935.2	908.4	911.5	920.7	922.0	933.8	944.6	943.5	941.6	945.9	947.7	949.2	953.5
Goods-Producing Industries[b]	240.8	233.8	234.1	236.4	237.8	241.1	244.2	242.5	243.4	244.7	244.1	244.0	242.9
Construction	32.9	27.5	27.1	28.7	31.0	33.2	34.9	35.7	36.0	36.1	35.9	35.2	33.8
Special Trade Contractors	22.4	18.5	18.3	19.2	20.7	22.4	23.7	24.4	24.6	24.9	24.6	24.4	23.6
Manufacturing	207.0	205.4	206.1	206.9	206.0	207.1	208.4	206.0	206.6	207.7	207.4	207.9	208.2
Durable Goods[c]	142.1	141.7	141.9	142.6	141.8	142.3	142.9	141.3	141.3	142.3	141.8	142.4	142.6
Stone, Clay, and Glass Products	3.6	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.7	3.6	3.6	3.5	3.5
Primary Metal Industries	21.3	21.3	21.1	21.2	21.2	21.4	21.4	21.2	21.3	21.4	21.4	21.3	21.3
Iron and Steel Foundries	4.6	4.7	4.6	4.7	4.6	4.7	4.6	4.6	4.5	4.6	4.5	4.6	4.6
Fabricated Metal Products	34.3	34.7	34.6	34.7	34.2	34.2	34.4	34.1	34.0	34.1	33.8	34.3	34.3
Screw Machine Products, Bolts, etc.	5.2	5.2	5.1	5.2	5.2	5.2	5.3	5.2	5.1	5.1	5.1	5.1	5.1
Metal Forgings and Stampings	11.0	11.4	11.5	11.4	11.1	11.0	10.9	10.7	10.7	10.9	10.6	11.0	11.0
Industrial Machinery and Equipment	33.8	33.3	33.5	33.7	33.6	33.7	34.2	34.2	34.2	34.2	34.0	33.9	33.7
Metalworking Machinery	13.1	12.8	12.9	13.1	13.0	13.0	13.3	13.3	13.2	13.2	13.0	13.0	13.0
Electronic and Other Electric Equipment	15.4	15.5	15.5	15.7	15.3	15.4	15.5	15.3	15.1	15.3	15.3	15.6	15.6
Electrical Industrial Apparatus	4.4	4.2	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.4	4.5	4.5	4.5
Electric Lighting and Wiring Equipment	5.2	5.2	5.2	5.3	5.2	5.2	5.2	5.1	5.1	5.2	5.2	5.3	5.3
Transportation Equipment	19.2	19.2	19.3	19.4	19.5	19.7	19.3	18.4	18.7	19.2	19.3	19.2	19.6
Motor Vehicles and Equipment	12.0	12.0	12.1	12.1	12.2	12.4	12.0	11.2	11.5	12.1	12.2	12.2	12.5
Instruments and Related Products	7.1	6.9	6.9	6.9	7.1	7.2	7.2	7.2	7.1	7.1	7.1	7.1	7.1
Measuring and Controlling Devices	4.9	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	5.0	4.9
Nondurable Goods[d]	64.9	63.8	64.2	64.3	64.2	64.8	65.5	64.8	65.2	65.4	65.6	65.6	65.6
Food and Kindred Products	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.1	6.4	6.7	6.7	6.7	6.7
Apparel and Other Textile Products	3.3	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.3
Paper and Allied Products	6.0	6.0	6.0	6.0	5.9	5.9	6.0	5.9	6.0	5.9	6.0	6.0	5.9
Printing and Publishing	16.7	16.1	16.4	16.4	16.4	16.6	16.8	16.9	17.1	16.9	17.1	17.1	17.1
Chemicals and Allied Products	14.6	14.3	14.4	14.5	14.5	14.6	14.8	14.8	14.9	14.8	14.6	14.6	14.6
Rubber and Miscellaneous Plastics Products	11.9	11.8	11.9	11.9	11.9	11.9	12.0	11.8	11.7	11.8	12.0	12.0	12.1
Miscellaneous Plastics Products	7.3	7.1	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.3	7.6	7.6	7.7
Service-Producing Industries	694.4	674.6	677.4	684.3	684.2	692.6	700.4	700.9	698.2	701.2	703.6	705.1	710.6
Transportation and Public Utilities	42.1	40.6	40.1	40.6	41.3	42.0	42.4	42.5	42.7	42.7	42.9	43.2	43.7
Transportation	24.6	23.2	22.8	23.3	23.8	24.5	24.8	24.9	25.1	25.2	25.4	25.8	26.2
Trucking and Warehousing	11.4	11.0	11.0	11.0	10.9	11.3	11.3	11.5	11.6	11.7	11.8	11.9	12.3
Transportation by Air	4.9	4.8	4.8	4.8	4.8	4.8	4.9	5.0	5.0	5.0	5.0	5.1	5.3
Communications, Electric, Gas Services	17.5	17.4	17.3	17.3	17.4	17.5	17.6	17.6	17.6	17.5	17.5	17.5	17.5
Communications	10.3	10.3	10.3	10.2	10.3	10.4	10.3	10.3	10.3	10.2	10.2	10.2	10.2
Electric, Gas, and Sanitary Services	7.2	7.1	7.1	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.2	7.3

See footnotes at end of table.

RS-790-1-4 (1989)

Cleveland PMSA

Nonagricultural Wage and Salary Employment, 1989[a] (continued)
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Wholesale Trade	66.3	64.8	64.9	65.5	65.6	66.0	66.6	66.9	67.1	66.9	67.1	67.1	67.3
Wholesale Trade-Durable Goods	45.2	44.1	44.2	44.7	44.7	45.1	45.5	45.6	45.7	45.6	45.7	45.7	45.9
Motor Vehicles, Parts, and Supplies	4.2	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1
Professional and Commercial Equipment	9.1	8.8	8.9	9.0	9.0	9.0	9.1	9.1	9.2	9.2	9.1	9.1	9.1
Retail Trade	159.2	154.5	153.8	154.8	155.2	157.4	160.1	160.3	160.6	160.9	161.3	163.6	168.1
General Merchandise Stores	20.9	20.3	20.7	20.6	20.3	20.1	20.5	20.4	20.2	20.5	21.1	22.4	23.5
Finance, Insurance, and Real Estate	56.9	56.1	56.3	56.5	56.2	56.5	57.3	57.6	57.5	57.3	56.9	56.9	57.1
Finance	27.7	27.6	27.7	27.8	27.4	27.5	27.8	28.0	28.0	27.9	27.7	27.7	27.9
Depository Institutions	20.5	20.6	20.5	20.5	20.2	20.3	20.5	20.7	20.7	20.7	20.5	20.6	20.6
Commercial Banks	12.9	12.6	12.6	12.6	12.7	12.8	12.9	13.1	13.1	13.0	13.0	13.0	13.0
Insurance	18.4	18.1	18.2	18.2	18.4	18.4	18.6	18.6	18.5	18.4	18.4	18.3	18.3
Insurance Carriers	13.9	13.6	13.7	13.7	13.9	13.9	14.0	14.1	14.0	14.0	13.9	13.8	13.8
Fire, Marine, and Casualty Insurance	6.3	6.3	6.3	6.2	6.3	6.3	6.4	6.5	6.3	6.3	6.3	6.3	6.3
Services	252.0	242.3	244.8	247.9	249.8	251.9	254.6	254.8	254.9	257.1	256.2	254.6	254.6
Business Services	51.8	50.0	50.1	51.1	50.5	51.1	51.6	52.6	52.8	53.2	53.0	52.8	53.1
Personnel Supply Services	19.8	19.5	19.3	19.9	18.8	19.3	19.3	19.8	19.9	20.3	20.5	20.3	20.6
Computer and Data Processing Services	6.4	5.9	6.0	6.1	6.3	6.4	6.4	6.4	6.5	6.5	6.6	6.6	6.6
Amusements, Including Motion Pictures	11.7	9.2	9.3	9.9	11.2	12.4	13.6	14.2	14.3	13.6	11.4	10.4	10.4
Health Services	78.6	77.3	77.5	77.6	77.8	77.9	78.9	79.3	79.4	79.5	79.3	79.1	79.2
Nursing and Personal Care Facilities	13.3	12.9	13.1	13.2	13.1	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.5
Hospitals	43.8	43.5	43.4	43.5	43.5	43.5	44.1	44.2	44.2	44.2	44.0	43.7	43.6
Legal Services	9.4	9.1	9.1	9.2	9.2	9.3	9.7	9.7	9.7	9.7	9.5	9.5	9.5
Educational Services	17.7	17.8	19.2	19.3	19.1	18.7	16.7	14.4	14.1	16.8	18.5	18.9	18.3
Social Services	13.4	13.1	13.1	13.2	13.1	13.2	13.1	13.2	13.4	13.5	13.6	13.8	14.0
Residential Care	3.5	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.7	3.6	3.6	3.6	3.7
Engineering and Management Services	21.2	20.5	20.8	20.9	20.9	20.8	21.3	21.5	21.5	21.4	21.6	21.6	21.6
Engineering and Architectural Services	7.7	7.2	7.4	7.5	7.5	7.6	7.8	8.0	8.0	7.9	8.0	8.0	7.9
Accounting, Auditing, and Bookkeeping	6.5	6.6	6.7	6.6	6.6	6.4	6.5	6.5	6.4	6.4	6.5	6.4	6.4
Management and Public Relations	4.4	4.2	4.2	4.3	4.2	4.3	4.4	4.4	4.4	4.4	4.5	4.5	4.6
Government	118.0	116.4	117.4	119.0	116.0	118.7	119.5	118.8	115.4	116.4	119.2	119.7	119.9
Federal Government	20.7	20.7	20.6	20.7	20.5	20.7	20.9	20.7	20.7	20.6	20.6	20.6	20.9
State Government	7.9	7.8	8.2	8.3	8.5	8.0	8.0	7.7	7.5	7.3	7.8	7.7	8.1
State Government Education[e]	2.9	2.9	3.3	3.4	3.3	3.1	3.0	2.5	2.3	2.3	3.0	2.8	3.2
Local Government	89.4	87.9	88.6	90.1	87.0[f]	90.0	90.5	90.3	87.2	88.4	90.7	91.4	90.9
Local Government Education	45.4	45.2	46.1	47.2	46.3	46.7	44.9	42.7	40.0	44.4	47.0	47.7	47.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-4 (1989)

Cleveland PMSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.83	$11.94	$11.83	$11.85	$11.87	$11.84	$11.79	$11.57	$11.69	$11.90	$11.84	$11.86	$11.90
Durable Goods[b]	12.32	12.44	12.31	12.34	12.36	12.33	12.28	12.01	12.14	12.41	12.36	12.38	12.45
Stone, Clay, and Glass Products	11.57	11.46	11.20	11.42	11.50	11.56	11.39	11.67	11.68	11.72	11.79	11.69	11.77
Primary Metal Industries	12.03	12.25	11.80	11.86	12.25	12.23	12.14	11.85	11.73	12.13	12.05	12.02	11.97
Iron and Steel Foundries	17.72	18.64	17.68	17.71	17.95	17.78	17.65	17.07	17.02	18.17	17.83	17.51	17.32
Fabricated Metal Products	12.40	12.49	12.56	12.44	12.55	12.45	12.30	11.98	12.26	12.40	12.46	12.61	12.32
Screw Machine Products, Bolts, etc.	12.25	12.43	12.44	12.38	12.54	12.57	12.55	12.08	12.11	12.09	12.04	12.00	11.74
Metal Forgings and Stampings	14.94	15.01	15.13	14.91	15.08	14.89	14.71	14.35	14.77	14.98	15.11	15.38	14.91
Industrial Machinery and Equipment	11.95	12.30	12.21	12.17	11.92	11.81	11.70	11.63	11.69	12.05	11.99	11.92	11.96
Metalworking Machinery	12.02	12.50	12.32	12.23	12.02	11.93	11.88	11.70	11.76	12.03	12.04	12.05	11.82
Electronic and Other Electric Equipment	10.24	10.19	10.16	10.20	10.24	10.28	10.25	10.23	10.20	10.26	10.22	10.30	10.37
Electrical Industrial Apparatus	10.23	10.15	10.05	10.17	10.26	10.25	10.32	10.14	10.14	10.38	10.26	10.26	10.40
Electric Lighting and Wiring Equipment	9.75	9.69	9.72	9.67	9.70	9.72	9.73	9.84	9.87	9.77	9.74	9.81	9.79
Transportation Equipment	16.15	16.03	15.97	16.25	16.08	16.12	16.17	15.68	16.06	16.34	16.24	16.20	16.60
Motor Vehicles and Equipment	17.67	17.49	17.38	17.75	17.51	17.63	17.74	17.19	17.63	17.94	17.82	17.70	18.22
Instruments and Related Products	10.04	9.25	9.49	9.69	9.69	9.80	10.12	10.15	10.27	10.25	10.37	10.59	10.76
Measuring and Controlling Devices	10.73	10.60	10.59	10.60	10.65	10.66	10.72	10.75	10.78	10.72	10.81	10.88	10.98
Nondurable Goods[c]	10.51	10.55	10.52	10.52	10.53	10.51	10.50	10.42	10.53	10.58	10.51	10.45	10.48
Food and Kindred Products	10.91	10.94	10.65	11.00	10.93	10.90	10.89	10.62	10.91	11.10	10.82	10.97	11.12
Apparel and Other Textile Products	9.49	9.40	9.42	9.45	9.46	9.55	9.57	9.54	9.39	9.50	9.58	9.51	9.55
Paper and Allied Products	11.27	11.87	11.68	11.35	11.25	11.20	11.16	11.03	10.99	11.13	11.00	11.09	11.43
Printing and Publishing	9.85	9.82	9.84	9.81	9.89	9.87	9.77	9.78	9.96	10.02	9.95	9.80	9.74
Chemicals and Allied Products	12.52	12.43	12.42	12.46	12.54	12.54	12.50	12.43	12.42	12.56	12.67	12.66	12.66
Rubber and Miscellaneous Plastics Products	8.97	9.04	8.99	8.92	8.97	8.91	8.95	8.83	9.04	9.07	9.01	8.93	8.94
Miscellaneous Plastics Products	9.08	9.21	9.22	9.07	9.00	9.00	9.01	8.88	9.12	9.18	9.07	9.09	9.07
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Transportation	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trucking and Warehousing	13.56	13.53	13.48	13.56	13.53	13.61	13.42	13.43	13.72	13.68	13.51	13.53	13.70
Communications, Electric, Gas Services	14.91	14.65	14.57	14.69	14.74	14.83	14.98	15.12	15.05	15.05	15.11	15.09	14.97
Wholesale Trade	11.30	11.18	11.25	11.07	11.10	11.16	11.16	11.26	11.35	11.43	11.47	11.53	11.60
Retail Trade[d]	6.70	6.65	6.74	6.73	6.75	6.70	6.66	6.66	6.63	6.71	6.75	6.75	6.70
General Merchandise Stores	6.67	6.66	6.72	6.74	6.77	6.76	6.55	6.65	6.61	6.67	6.70	6.65	6.59
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	10.21	9.99	10.02	10.16	10.16	10.23	10.23	10.25	10.33	10.30	10.27	10.28	10.30
Nursing and Personal Care Facilities	6.69	6.54	6.56	6.59	6.56	6.65	6.70	6.85	6.70	6.70	6.72	6.81	6.88
Hospitals	11.42	10.86	11.11	11.28	11.29	11.42	11.44	11.44	11.63	11.63	11.67	11.65	11.66

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-4 (1989)

Cleveland PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.1	43.8	43.4	43.7	43.6	43.2	43.4	41.9	42.3	43.5	42.9	43.0	43.0
Durable Goods[b]	43.8	44.7	44.3	44.5	44.5	44.0	44.1	42.4	42.7	44.1	43.5	43.7	43.6
Stone, Clay, and Glass Products	41.7	42.5	42.8	42.9	43.2	41.3	39.6	41.1	41.2	41.3	41.8	41.2	41.6
Primary Metal Industries	44.9	46.2	44.7	45.2	46.0	45.3	46.0	44.4	43.7	45.2	44.2	44.3	44.1
Iron and Steel Foundries	48.6	52.8	48.8	49.4	51.2	51.6	50.4	45.4	45.1	49.3	47.9	47.1	44.0
Fabricated Metal Products	43.3	43.7	43.7	44.0	44.4	44.2	43.5	41.5	42.6	43.1	43.1	43.4	42.8
Screw Machine Products, Bolts, etc.	44.1	47.3	45.8	44.5	44.5	45.0	44.8	42.9	42.4	43.1	42.8	43.7	42.7
Metal Forgings and Stampings	44.4	46.0	46.4	45.3	45.9	45.4	44.3	41.0	43.2	43.4	44.1	44.7	43.3
Industrial Machinery and Equipment	44.3	46.2	46.0	45.3	44.5	44.3	43.7	41.9	42.0	44.6	44.6	44.3	44.0
Metalworking Machinery	44.7	45.6	45.5	44.4	44.3	44.0	44.3	43.2	43.2	45.3	45.9	46.2	44.9
Electronic and Other Electric Equipment	41.4	41.9	42.3	42.3	41.8	42.0	41.9	40.7	40.4	41.2	40.7	40.6	40.5
Electrical Industrial Apparatus	42.9	42.9	44.2	44.6	43.2	43.9	44.5	41.9	42.2	43.0	42.0	41.2	41.5
Electric Lighting and Wiring Equipment	38.9	39.0	39.5	39.9	39.7	39.2	39.5	38.9	38.4	39.2	38.7	37.9	37.4
Transportation Equipment	45.2	46.8	45.4	45.6	45.6	44.7	45.7	43.7	44.0	46.0	44.3	44.7	45.7
Motor Vehicles and Equipment	46.3	48.1	46.2	46.9	46.8	46.0	47.2	44.7	45.4	47.4	45.0	45.5	46.3
Instruments and Related Products	41.3	39.9	40.3	40.8	40.4	41.3	42.6	41.9	41.7	40.9	41.6	42.0	41.8
Measuring and Controlling Devices	42.8	42.0	42.1	42.1	42.3	42.3	42.6	43.2	43.6	42.4	43.2	43.6	43.7
Nondurable Goods[c]	41.4	41.6	41.3	41.6	41.4	41.0	41.7	40.7	41.4	41.9	41.3	41.4	41.6
Food and Kindred Products	42.8	42.3	40.9	45.4	43.1	43.4	43.4	41.5	43.7	43.8	41.5	41.7	43.1
Apparel and Other Textile Products	38.4	40.1	39.1	38.1	37.2	38.3	38.1	37.2	35.8	39.3	38.7	39.3	39.4
Paper and Allied Products	42.9	43.3	42.5	42.1	42.1	42.3	43.8	42.2	42.5	42.6	42.8	43.4	45.2
Printing and Publishing	37.8	37.9	37.6	37.9	38.3	37.2	36.9	37.2	37.9	38.6	38.1	38.4	37.9
Chemicals and Allied Products	43.4	43.2	44.0	43.8	44.3	43.5	44.0	43.2	43.6	43.3	43.1	42.5	42.7
Rubber and Miscellaneous Plastics Products	42.7	43.2	42.8	42.7	42.3	42.2	43.3	41.6	42.5	43.4	43.0	42.5	42.7
Miscellaneous Plastics Products	43.3	42.8	43.2	42.8	42.0	42.8	44.1	42.3	44.0	44.7	43.6	43.7	43.1
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Transportation	....	....	....	....	....	....	....	....	....	....	....	....	....
Trucking and Warehousing	33.8	31.8	33.2	33.8	33.6	36.0	35.1	35.3	33.2	34.9	32.7	32.5	34.3
Communications, Electric, Gas Services	41.3	40.7	40.2	40.8	41.0	41.5	42.1	42.2	42.0	41.6	41.4	41.2	40.8
Wholesale Trade	39.8	40.7	40.5	40.1	40.0	39.9	39.4	39.6	39.4	39.7	39.5	39.6	39.7
Retail Trade	27.4	27.1	26.9	27.0	27.0	27.4	28.0	28.0	27.9	27.7	27.4	27.0	27.8
General Merchandise Stores	28.0	26.9	27.0	27.5	27.4	27.7	28.8	28.4	28.2	28.7	28.1	27.3	30.4
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	31.1	31.3	31.4	31.1	31.0	31.1	31.1	31.1	31.2	31.2	31.0	31.0	31.1
Nursing and Personal Care Facilities	32.1	32.2	32.1	31.9	31.9	32.0	31.6	32.0	32.1	32.1	32.3	32.9	32.6
Hospitals	30.7	31.6	31.0	30.7	30.7	30.6	30.7	30.6	30.8	30.6	30.3	30.2	30.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-4 (1989)

Cleveland PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$509.87	$522.97	$513.42	$517.85	$517.53	$511.49	$511.69	$484.78	$494.49	$517.65	$507.94	$509.98	$511.70
Durable Goods[b]	539.62	556.07	545.33	549.13	550.02	542.52	541.55	509.22	518.38	547.28	537.66	541.01	542.82
Stone, Clay, and Glass Products	482.47	487.05	479.36	489.92	496.80	477.43	451.04	479.64	481.22	484.04	492.82	481.63	489.63
Primary Metal Industries	540.15	565.95	527.46	536.07	563.50	554.02	558.44	526.14	512.60	548.28	532.61	532.49	527.88
Iron and Steel Foundries	861.19	984.19	862.78	874.87	919.04	917.45	889.56	774.98	767.60	895.78	854.06	824.72	762.08
Fabricated Metal Products	536.92	545.81	548.87	547.36	557.22	550.29	535.05	497.17	522.28	534.44	537.03	547.27	527.30
Screw Machine Products, Bolts, etc.	540.23	587.94	569.75	550.91	558.03	565.65	562.24	518.23	513.46	521.08	515.31	524.40	501.30
Metal Forgings and Stampings	663.34	690.46	702.03	675.42	692.17	676.01	651.65	588.35	638.06	650.13	666.35	687.49	645.60
Industrial Machinery and Equipment	529.39	568.26	561.66	551.30	530.44	523.18	511.29	487.30	490.98	537.43	534.75	528.06	526.24
Metalworking Machinery	537.29	570.00	560.56	543.01	532.49	524.92	526.28	505.44	508.03	544.96	552.64	556.71	530.72
Electronic and Other Electric Equipment	423.94	426.96	429.77	431.46	428.03	431.76	429.48	416.36	412.08	422.71	415.95	418.18	419.99
Electrical Industrial Apparatus	438.87	435.44	444.21	453.58	443.23	449.98	459.24	424.87	427.91	446.34	430.92	422.71	431.60
Electric Lighting and Wiring Equipment	379.28	377.91	383.94	385.83	385.09	381.02	384.34	382.78	379.01	382.98	376.94	371.80	366.15
Transportation Equipment	729.98	750.20	725.04	741.00	733.25	720.56	738.97	685.22	706.64	751.64	719.43	724.14	758.62
Motor Vehicles and Equipment	818.12	841.27	802.96	832.48	819.47	810.98	837.33	768.39	800.40	850.36	801.90	805.35	843.59
Instruments and Related Products	414.65	369.08	382.45	395.35	391.48	404.74	431.11	425.29	428.26	419.23	431.39	444.78	449.77
Measuring and Controlling Devices	459.24	445.20	445.84	446.26	450.50	450.92	456.67	464.40	470.01	454.53	466.99	474.37	479.83
Nondurable Goods[c]	435.11	438.88	434.48	437.63	435.94	430.91	437.85	424.09	435.94	443.30	434.06	432.63	435.97
Food and Kindred Products	466.95	462.76	435.59	499.40	471.08	473.06	472.63	440.73	476.77	486.18	449.03	457.45	479.27
Apparel and Other Textile Products	364.42	376.94	368.32	360.05	351.91	365.77	364.62	354.89	336.16	373.35	370.75	373.74	376.27
Paper and Allied Products	483.48	513.97	496.40	477.84	473.63	473.76	488.81	465.47	467.08	474.14	470.80	481.31	516.64
Printing and Publishing	372.33	372.18	369.98	371.80	378.79	367.16	360.51	363.82	377.48	386.77	379.10	376.32	369.15
Chemicals and Allied Products	543.37	536.98	546.48	545.75	555.52	545.49	550.00	536.98	541.51	543.85	546.08	538.05	540.58
Rubber and Miscellaneous Plastics Products	383.02	390.53	384.77	380.88	379.43	376.00	387.54	367.33	384.20	393.64	387.43	379.53	381.74
Miscellaneous Plastics Products	393.16	394.19	398.30	388.20	378.00	385.20	397.34	375.62	401.28	410.35	395.45	397.23	390.92
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Transportation	......	......	......	......	......	......	......	......	......	......	......	......	......
Trucking and Warehousing	458.33	430.25	447.54	458.33	454.61	489.96	471.04	474.08	455.50	477.43	441.78	439.73	469.91
Communications, Electric, Gas Services	615.78	596.26	585.71	599.35	604.34	615.45	630.66	638.06	632.10	626.08	625.55	621.71	610.78
Wholesale Trade	449.74	455.03	455.63	443.91	444.00	445.28	439.70	445.90	447.19	453.77	453.07	456.59	460.52
Retail Trade[d]	183.58	180.22	181.31	181.71	182.25	183.58	186.48	186.48	184.98	185.87	184.95	182.25	186.26
General Merchandise Stores	186.76	179.15	181.44	185.35	185.50	187.25	188.64	188.86	186.40	191.43	188.27	181.55	200.34
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	321.26	321.13	322.41	322.62	324.97	324.24	321.97	324.48	318.91	317.88	319.67	319.63	317.17
Depository Institutions	297.27	306.59	297.26	297.86	297.51	300.00	298.13	300.50	296.17	291.07	296.53	293.54	292.29
Commercial Banks	296.32	312.46	304.73	304.57	302.98	301.50	293.84	297.15	291.13	287.31	286.42	287.19	287.67

See footnotes at end of table.

Cleveland PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a] (continued)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	$317.53	$312.69	$314.63	$315.98	$314.96	$318.15	$318.15	$318.78	$322.30	$321.36	$318.37	$318.68	$320.33
Nursing and Personal Care Facilities	214.75	210.59	210.58	210.22	209.26	212.80	211.72	219.20	215.07	215.07	217.06	224.05	224.29
Hospitals	350.59	343.18	344.41	346.30	346.60	349.45	351.21	350.06	358.20	355.88	353.60	351.83	353.30

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

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Cleveland PMSA

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	911.3	882.7	880.0	886.5	901.8	911.7	924.0	923.8	920.2	923.0	922.6	926.9	932.1
Goods-Producing Industries[b]	233.6	225.5	223.5	225.6	[illegible]	232.6	236.7	237.4	237.6	238.6	238.6	239.1	238.2
Construction	29.4	24.0	23.2	24.4	27.6	29.5	31.5	32.4	32.7	32.6	32.5	31.9	30.3
Special Trade Contractors	19.8	16.1	15.7	16.4	18.4	19.7	21.2	21.7	22.0	22.0	22.0	21.6	20.7
Manufacturing	203.3	200.4	199.3	200.2	201.4	202.3	204.5	204.1	204.0	205.0	205.3	206.2	206.9
Durable Goods[c]	139.2	137.1	136.4	137.0	137.9	138.4	139.6	139.3	139.7	140.7	140.9	141.7	142.3
Stone, Clay, and Glass Products	3.6	3.5	3.4	3.5	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.6	3.6
Primary Metal Industries	21.3	21.2	21.3	21.4	21.5	21.3	21.3	21.1	21.1	21.4	21.4	21.4	21.4
Iron and Steel Foundries	4.7	4.8	4.8	4.8	4.6	4.6	4.6	4.4	4.4	4.7	4.8	4.7	4.8
Fabricated Metal Products	33.5	32.3	32.2	32.4	32.9	33.1	33.6	33.7	33.8	34.1	34.3	34.6	34.9
Screw Machine Products, Bolts, etc.	5.0	4.9	4.9	4.9	4.9	5.0	5.1	5.1	5.1	5.1	5.0	5.1	5.1
Metal Forgings and Stampings	11.1	10.9	11.0	11.0	10.9	11.0	11.1	11.1	10.9	11.0	11.3	11.4	11.6
Industrial Machinery and Equipment	32.3	31.7	31.3	31.5	31.5	31.8	32.3	32.4	32.5	32.8	32.9	33.1	33.2
Metalworking Machinery	12.6	12.3	12.4	12.4	12.2	12.4	12.6	12.7	12.7	12.7	12.8	12.8	12.8
Electronic and Other Electric Equipment	15.4	15.1	15.0	15.1	15.1	15.1	15.3	15.4	15.4	15.6	15.6	15.7	15.8
Electrical Industrial Apparatus	4.1	3.9	3.9	4.0	4.0	4.0	4.0	4.2	4.2	4.3	4.3	4.3	4.4
Electric Lighting and Wiring Equipment	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.3
Transportation Equipment	19.1	19.3	19.2	19.1	19.1	19.2	19.1	18.8	19.1	18.9	18.8	19.1	19.3
Motor Vehicles and Equipment	11.9	12.1	11.9	11.8	12.0	12.1	12.0	11.6	11.9	11.8	11.7	11.9	12.0
Instruments and Related Products	7.0	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.9	6.9	6.9	6.9	6.9
Measuring and Controlling Devices	4.9	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.7
Nondurable Goods[d]	64.1	63.4	62.9	63.3	63.5	63.9	64.9	64.8	64.4	64.4	64.3	64.6	64.7
Food and Kindred Products	6.7	6.6	6.5	6.5	6.6	6.7	6.9	6.9	6.8	6.8	6.7	6.7	6.8
Apparel and Other Textile Products	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.5	3.4	3.4
Paper and Allied Products	6.1	5.9	5.9	6.0	6.0	6.0	6.1	6.2	6.2	6.1	6.1	6.1	6.1
Printing and Publishing	16.2	16.2	15.9	16.0	16.1	16.1	16.4	16.4	16.2	16.2	16.3	16.5	16.6
Chemicals and Allied Products	14.7	14.5	14.6	14.7	14.6	14.8	14.9	14.9	14.8	14.7	14.5	14.5	14.4
Rubber and Miscellaneous Plastics Products	11.6	11.5	11.5	11.4	11.4	11.5	11.6	11.5	11.5	11.7	11.7	11.8	11.8
Miscellaneous Plastics Products	6.9	6.9	6.9	6.8	6.7	6.8	6.9	6.8	6.9	7.0	7.0	7.0	7.0
Service-Producing Industries	677.7	657.2	656.5	660.9	671.8	679.1	687.2	686.4	682.6	684.4	684.0	687.8	693.9
Transportation and Public Utilities	41.5	40.3	40.0	40.3	41.2	41.6	41.9	42.0	42.0	42.0	41.8	42.1	42.4
Transportation	23.8	23.0	22.6	22.9	23.5	23.9	24.1	24.1	24.1	24.2	24.0	24.1	24.4
Trucking and Warehousing	11.6	11.6	11.7	11.7	11.6	11.7	11.8	11.8	11.7	11.7	11.5	11.4	11.7
Transportation by Air	4.4	4.3	4.3	4.4	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.6	4.7
Communications, Electric, Gas Services	17.7	17.3	17.4	17.4	17.7	17.7	17.8	17.8	17.8	17.8	17.8	18.0	17.9
Communications	10.5	10.3	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6
Electric, Gas, and Sanitary Services	7.2	7.1	7.1	7.1	7.2	7.2	7.3	7.4	7.4	7.3	7.2	7.4	7.3

See footnotes at end of table.

RS-790-1-4 (1988)

Cleveland PMSA

Nonagricultural Wage and Salary Employment, 1988[a] (continued)
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Wholesale Trade	63.7	61.6	61.7	62.2	62.7	63.2	64.0	64.5	64.6	64.6	64.8	64.9	65.2
Wholesale Trade-Durable Goods	44.0	43.1	43.1	43.4	43.5	43.7	44.1	44.5	44.4	44.4	44.5	44.4	44.4
Motor Vehicles, Parts, and Supplies	4.7	5.2	5.1	5.1	4.7	4.7	4.7	4.7	4.6	4.5	4.4	4.3	4.2
Professional and Commercial Equipment	8.7	8.5	8.5	8.5	8.7	8.7	8.8	8.8	8.8	8.9	8.9	8.8	8.9
Retail Trade	156.9	153.8	151.4	152.0	154.4	156.9	159.6	158.7	158.8	157.8	157.0	159.0	163.1
General Merchandise Stores	20.8	21.7	20.5	20.0	20.0	20.0	20.4	20.6	20.5	20.7	21.0	21.7	22.5
Finance, Insurance, and Real Estate	56.1	55.4	55.4	55.7	55.9	56.0	56.5	56.8	56.7	56.5	56.2	56.2	56.5
Finance	27.5	27.6	27.4	27.4	27.5	27.5	27.6	27.8	27.7	27.5	27.4	27.4	27.5
Depository Institutions	20.4	20.2	20.1	20.2	20.4	20.4	20.6	20.6	20.6	20.4	20.4	20.4	20.6
Commercial Banks	12.5	12.5	12.5	12.5	12.6	12.5	12.6	12.6	12.6	12.4	12.5	12.5	12.5
Insurance	18.1	17.9	17.9	18.0	18.0	18.1	18.2	18.2	18.1	18.2	18.2	18.2	18.3
Insurance Carriers	13.7	13.6	13.7	13.7	13.6	13.6	13.7	13.8	13.6	13.8	13.8	13.7	13.8
Fire, Marine, and Casualty Insurance	6.2	6.0	6.1	6.1	6.2	6.2	6.3	6.4	6.3	6.3	6.3	6.3	6.4
Services	243.3	230.7	231.8	233.9	240.9	244.2	247.8	247.3	247.9	249.6	248.2	248.3	248.8
Business Services	49.2	45.6	45.6	46.0	47.3	49.1	50.3	50.8	51.0	51.5	51.0	50.7	51.2
Personnel Supply Services	18.9	16.7	16.6	17.0	17.5	18.9	19.7	19.9	20.0	20.3	20.2	20.0	20.5
Computer and Data Processing Services	5.8	5.5	5.6	5.6	5.6	5.7	5.8	5.9	5.9	5.9	6.0	6.0	6.0
Amusements, Including Motion Pictures	11.1	8.5	8.2	8.7	10.8	12.0	12.8	13.2	13.6	12.7	10.9	10.5	10.7
Health Services	77.5	76.5	76.5	76.4	76.8	76.9	77.5	78.1	78.3	78.3	78.2	78.1	78.3
Nursing and Personal Care Facilities	12.9	12.6	12.6	12.6	12.7	12.7	12.9	13.2	13.4	13.3	13.0	13.0	13.1
Hospitals	43.9	44.0	43.9	43.8	43.7	43.7	43.9	44.1	44.0	43.9	43.9	43.9	43.9
Legal Services	8.9	8.4	8.4	8.5	8.6	8.7	9.1	9.3	9.2	9.2	8.9	8.9	9.0
Educational Services	17.1	16.8	17.7	17.7	17.7	17.4	16.3	14.6	14.4	16.6	18.5	19.0	18.1
Social Services	13.1	13.0	13.0	13.0	13.4	13.3	13.3	13.0	12.9	13.1	13.0	13.1	13.2
Residential Care	3.0	2.6	2.6	2.6	2.8	2.8	3.0	3.0	3.2	3.3	3.3	3.4	3.5
Engineering and Management Services	19.0	17.8	18.0	18.3	18.4	18.6	19.0	19.2	19.4	19.6	19.9	20.2	20.5
Engineering and Architectural Services	6.2	5.5	5.5	5.6	5.9	6.0	6.1	6.2	6.4	6.6	6.6	6.8	7.1
Accounting, Auditing, and Bookkeeping	6.4	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.6	6.5	6.5
Management and Public Relations	4.0	3.8	3.8	3.9	3.8	3.9	4.0	4.1	4.0	4.0	4.1	4.2	4.3
Government	116.3	115.4	116.2	116.9	116.6	117.3	117.4	117.2	112.6	114.0	116.1	117.4	118.1
Federal Government	20.8	20.8	20.8	20.8	20.8	20.7	20.7	20.8	20.9	20.6	20.6	20.8	21.1
State Government	8.2	8.0	8.2	8.5	8.7	8.2	8.4	8.1	7.7	7.6	8.1	7.9	8.5
State Government Education[e]	3.1	3.0	3.3	3.4	3.4	3.0	3.2	2.8	2.5	2.5	3.2	3.1	3.5
Local Government	87.3	86.6	87.3	87.6	87.2	88.4	88.3	88.3	84.0	85.7	87.3	88.6	88.5
Local Government Education	43.7	43.6	44.5	45.2	44.4	45.4	43.9	41.4	37.6	42.5	44.6	45.7	45.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [f] Depressed due to labor management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS 790-1-4 (1988)

Cleveland PMSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.72	$11.68	$11.61	$11.65	$11.71	$11.70	$11.71	$11.54	$11.64	$11.76	$11.77	$11.87	$11.99
Durable Goods[b]	12.30	12.29	12.19	12.21	12.28	12.30	12.31	12.08	12.23	12.34	12.33	12.43	12.53
Stone, Clay, and Glass Products	11.31	10.91	11.03	11.19	11.35	11.54	11.48	11.49	11.33	11.29	11.31	11.34	11.32
Primary Metal Industries	12.36	12.58	12.31	12.43	12.36	12.32	12.35	12.09	12.28	12.37	12.39	12.41	12.42
Iron and Steel Foundries	17.67	17.65	17.12	17.60	17.59	17.52	17.70	16.88	17.61	17.87	18.09	17.88	18.39
Fabricated Metal Products	12.50	12.47	12.46	12.21	12.38	12.58	12.69	12.30	12.42	12.41	12.48	12.71	12.86
Screw Machine Products, Bolts, etc.	11.78	11.14	11.21	11.38	11.62	11.72	11.96	11.58	11.91	12.01	11.99	12.26	12.46
Metal Forgings and Stampings	15.11	15.20	15.13	14.62	14.94	15.19	15.36	14.91	15.03	14.96	14.98	15.29	15.65
Industrial Machinery and Equipment	11.74	11.37	11.46	11.67	11.66	11.73	11.70	11.55	11.52	11.79	11.98	12.10	12.16
Metalworking Machinery	11.71	11.43	11.38	11.53	11.49	11.47	11.44	11.61	11.70	11.81	12.15	12.16	12.28
Electronic and Other Electric Equipment	10.02	9.88	10.01	10.01	9.93	9.95	10.04	10.05	10.08	10.05	9.99	10.06	10.15
Electrical Industrial Apparatus	9.89	9.73	9.99	9.94	9.85	9.85	9.88	9.99	9.87	9.81	9.78	9.83	10.14
Electric Lighting and Wiring Equipment	9.69	9.32	9.59	9.52	9.68	9.65	9.72	9.78	9.99	9.91	9.82	9.78	9.55
Transportation Equipment	15.79	15.49	15.27	15.60	15.86	15.75	15.82	15.54	15.87	16.24	15.97	15.94	16.06
Motor Vehicles and Equipment	17.29	16.93	16.70	17.15	17.46	17.25	17.38	17.09	17.37	17.74	17.40	17.33	17.57
Instruments and Related Products	9.38	9.33	9.36	9.40	9.24	9.26	9.30	9.47	9.37	9.44	9.34	9.50	9.55
Measuring and Controlling Devices	10.48	10.30	10.38	10.43	10.22	10.30	10.40	10.67	10.46	10.53	10.56	10.75	10.72
Nondurable Goods[c]	10.20	10.15	10.11	10.17	10.19	10.11	10.10	10.13	10.09	10.18	10.29	10.34	10.48
Food and Kindred Products	9.90	9.33	9.25	9.41	9.52	9.65	9.84	10.10	10.13	10.18	10.33	10.44	10.70
Apparel and Other Textile Products	8.98	9.02	9.03	8.98	8.91	8.86	8.90	8.90	8.91	8.91	8.99	9.11	9.21
Paper and Allied Products	11.42	11.24	11.11	11.21	11.37	11.28	11.24	11.38	11.44	11.67	11.64	11.65	11.76
Printing and Publishing	9.63	9.39	9.46	9.66	9.70	9.64	9.67	9.53	9.47	9.66	9.85	9.68	9.85
Chemicals and Allied Products	11.89	11.94	11.95	11.87	11.93	11.80	11.68	11.73	11.68	11.78	11.90	12.19	12.34
Rubber and Miscellaneous Plastics Products	8.96	8.92	8.84	8.88	8.87	8.94	8.97	8.97	8.98	8.94	9.08	9.12	9.04
Miscellaneous Plastics Products	9.08	9.07	8.92	8.96	8.97	8.95	9.00	9.05	9.15	9.08	9.22	9.28	9.30
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.39	14.22	14.14	14.09	14.10	14.23	14.23	14.38	14.66	14.67	14.60	14.75	14.53
Wholesale Trade	10.83	10.31	10.46	10.46	10.64	10.66	10.97	10.91	11.00	11.10	11.11	11.11	11.24
Retail Trade[d]	6.61	6.56	6.54	6.63	6.65	6.62	6.57	6.64	6.56	6.64	6.62	6.64	6.62
General Merchandise Stores	6.72	6.62	6.86	6.79	6.80	6.76	6.74	6.83	6.64	6.76	6.71	6.58	6.58
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	10.84	10.90	10.94	10.83	10.83	10.78	10.76	10.71	10.72	10.88	10.89	10.92	10.88

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-4 (1988)

Cleveland PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.4	43.0	42.9	43.5	43.5	43.5	43.8	42.8	42.8	43.3	43.5	44.0	44.4
Durable Goods[b]	44.5	43.9	43.8	44.5	44.4	44.6	45.0	43.6	43.8	44.5	44.7	45.3	45.5
Stone, Clay, and Glass Products	41.2	39.0	40.3	40.8	39.6	41.2	40.7	41.3	41.9	42.4	42.7	42.2	42.7
Primary Metal Industries	47.1	46.9	46.0	46.9	47.1	47.7	48.2	45.8	46.8	46.5	47.8	47.6	48.0
Iron and Steel Foundries	49.6	50.9	46.6	48.9	49.0	50.1	50.7	43.4	50.4	49.6	50.7	52.2	53.4
Fabricated Metal Products	44.3	44.5	44.2	43.8	44.0	44.3	45.0	43.0	43.3	44.3	44.3	45.1	45.8
Screw Machine Products, Bolts, etc.	46.1	46.9	46.3	46.6	46.1	45.4	47.0	44.7	44.8	46.3	45.9	46.2	47.3
Metal Forgings and Stampings	46.8	46.5	46.6	45.0	45.7	47.3	48.5	45.1	46.0	46.7	46.6	48.3	49.1
Industrial Machinery and Equipment	43.3	42.3	42.4	43.1	43.6	43.1	43.1	42.6	42.1	43.3	44.2	44.7	45.1
Metalworking Machinery	42.3	42.0	40.9	41.7	41.8	41.7	41.6	42.6	41.9	42.3	43.2	43.3	44.1
Electronic and Other Electric Equipment	41.6	41.8	42.9	43.1	40.9	40.8	41.8	41.2	40.6	41.6	41.3	41.1	41.9
Electrical Industrial Apparatus	43.3	41.1	44.8	44.9	42.3	42.0	43.5	43.7	43.4	44.0	43.7	42.5	44.0
Electric Lighting and Wiring Equipment	39.2	40.5	40.8	40.8	39.4	39.0	39.0	38.4	37.9	38.7	38.8	38.7	38.4
Transportation Equipment	47.3	46.0	45.5	46.8	48.1	48.4	48.6	46.3	47.2	47.7	46.8	47.8	47.8
Motor Vehicles and Equipment	47.9	46.1	45.3	47.1	49.0	49.2	49.0	46.3	48.1	49.0	47.4	48.8	48.9
Instruments and Related Products	40.7	40.7	40.6	42.1	40.1	40.4	41.4	41.5	39.8	40.3	39.8	41.0	41.0
Measuring and Controlling Devices	42.0	41.8	41.4	43.3	40.2	40.5	41.5	43.7	42.8	42.1	41.6	42.5	42.9
Nondurable Goods[c]	40.9	41.0	40.7	41.0	41.4	40.9	40.9	40.8	40.4	40.6	40.8	41.0	41.5
Food and Kindred Products	41.6	41.0	42.1	42.4	41.3	40.9	40.2	42.0	41.5	40.6	42.5	41.8	43.5
Apparel and Other Textile Products	39.4	40.3	39.3	39.4	39.3	39.5	39.2	40.0	38.4	39.6	38.8	38.9	39.7
Paper and Allied Products	41.7	42.5	41.8	41.7	42.1	41.1	40.3	41.5	41.2	42.8	41.1	41.9	42.5
Printing and Publishing	36.7	36.8	37.1	37.9	37.6	36.7	36.4	35.3	35.1	36.3	36.6	36.7	38.2
Chemicals and Allied Products	43.3	43.3	43.1	42.5	43.6	43.1	43.8	43.4	43.2	43.1	43.1	44.0	42.9
Rubber and Miscellaneous Plastics Products	42.9	43.1	42.2	42.6	43.3	43.1	43.8	42.8	43.1	42.3	42.7	42.8	42.7
Miscellaneous Plastics Products	43.2	42.9	42.3	42.8	44.2	43.1	44.0	43.4	44.3	43.0	43.0	42.5	42.9
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.9	41.0	40.4	40.5	40.4	40.6	40.5	41.1	41.8	41.5	41.1	41.5	40.9
Wholesale Trade	39.5	39.0	38.9	38.8	39.0	39.1	39.3	39.6	39.3	39.9	39.8	40.2	40.3
Retail Trade	27.8	27.3	27.0	27.1	27.4	27.3	28.2	28.6	28.5	28.2	27.9	27.8	28.5
General Merchandise Stores	27.9	26.6	26.3	26.8	27.7	27.6	27.9	27.6	28.3	27.8	27.8	28.7	30.8
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	31.6	31.3	31.0	31.2	31.5	31.3	31.6	32.2	32.0	31.9	31.6	31.6	31.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-4 (1988)

Cleveland PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$508.65	$502.24	$498.07	$506.78	$509.39	$508.95	$512.90	$493.91	$498.19	$509.21	$512.00	$522.28	$532.36
Durable Goods[b]	547.35	539.53	533.92	543.35	545.23	548.58	553.95	526.69	535.67	549.13	551.15	563.08	570.12
Stone, Clay, and Glass Products	465.97	425.49	444.51	456.55	449.46	475.45	467.24	474.54	474.73	478.70	482.94	478.55	483.36
Primary Metal Industries	582.16	590.00	566.26	582.97	582.16	587.66	595.27	553.72	574.70	575.21	592.24	590.72	596.16
Iron and Steel Foundries	876.43	898.39	797.79	860.64	861.91	877.75	897.39	732.59	887.54	886.35	917.16	933.34	982.03
Fabricated Metal Products	553.75	554.92	550.73	534.80	544.72	557.29	571.05	528.90	537.79	549.76	552.86	573.22	588.99
Screw Machine Products, Bolts, etc.	543.06	522.47	519.02	530.31	535.68	532.09	562.12	517.63	533.57	556.06	550.34	566.41	589.36
Metal Forgings and Stampings	707.15	706.80	705.06	657.90	682.76	718.49	744.96	672.44	691.38	698.63	698.07	738.51	768.42
Industrial Machinery and Equipment	508.34	480.95	485.90	502.98	508.38	505.56	504.27	492.03	484.99	510.51	529.52	540.87	548.42
Metalworking Machinery	495.33	480.06	465.44	480.80	480.28	478.30	475.90	494.59	490.23	499.56	524.88	526.53	541.55
Electronic and Other Electric Equipment	416.83	412.98	429.43	431.43	406.14	405.96	419.67	414.06	409.25	418.08	412.59	413.47	425.29
Electrical Industrial Apparatus	428.24	399.90	447.55	446.31	416.66	413.70	429.78	436.56	428.36	431.64	427.39	417.78	446.16
Electric Lighting and Wiring Equipment	379.85	377.46	391.27	388.42	381.39	376.35	379.08	375.55	378.62	383.52	381.02	378.49	366.72
Transportation Equipment	746.87	712.54	694.79	730.08	762.87	762.30	768.85	719.50	749.06	774.65	747.40	761.93	767.67
Motor Vehicles and Equipment	828.19	780.47	756.51	807.77	855.54	848.70	851.62	791.27	835.50	869.26	824.76	845.70	859.17
Instruments and Related Products	381.77	379.73	380.02	395.74	370.52	374.10	385.02	393.01	372.93	380.43	371.73	389.50	391.55
Measuring and Controlling Devices	440.16	430.54	429.73	451.62	410.84	417.15	431.60	466.28	447.69	443.31	439.30	456.88	459.89
Nondurable Goods[c]	417.18	416.15	411.48	416.97	421.87	413.50	413.09	413.30	407.64	413.31	419.83	423.94	434.92
Food and Kindred Products	411.84	382.53	389.43	398.98	393.18	394.69	395.57	424.20	420.40	413.31	439.03	436.39	465.45
Apparel and Other Textile Products	353.81	363.51	354.88	353.81	350.16	349.97	348.88	356.00	342.14	352.84	348.81	354.38	365.64
Paper and Allied Products	476.21	477.70	464.40	467.46	478.68	463.61	452.97	472.27	471.33	499.48	478.40	488.14	499.80
Printing and Publishing	353.42	345.55	350.97	366.11	364.72	353.79	351.99	336.41	332.40	350.66	360.51	355.26	376.27
Chemicals and Allied Products	514.84	517.00	515.05	504.48	520.15	508.58	511.58	509.08	504.58	507.72	512.89	536.36	529.39
Rubber and Miscellaneous Plastics Products	384.38	384.45	373.05	378.29	384.07	385.31	392.89	383.92	387.04	378.16	387.72	390.34	386.01
Miscellaneous Plastics Products	392.26	389.10	377.32	383.49	396.47	385.75	396.00	392.77	405.35	390.44	396.46	394.40	398.97
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	588.55	583.02	571.26	570.65	569.64	577.74	576.32	591.02	612.79	608.81	600.06	612.13	594.28
Wholesale Trade	427.79	402.09	406.89	405.85	414.96	416.81	431.12	432.04	432.30	442.89	442.18	446.62	452.97
Retail Trade[d]	183.76	179.09	176.58	179.67	182.21	180.73	185.27	189.90	186.96	187.25	184.70	184.59	188.67
General Merchandise Stores	187.49	176.09	180.42	181.97	188.36	186.58	188.05	188.51	187.91	187.93	186.54	188.85	202.66
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	294.05	293.13	288.90	290.15	295.31	290.90	298.70	299.83	294.34	298.03	292.18	289.18	297.50
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	342.54	341.17	339.14	337.90	341.15	337.41	340.02	344.86	343.04	347.07	344.12	345.07	345.98

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-4 (1988)

Cleveland PMSA

Nonagricultural Wage and Salary Employment, 1979–1987[a]
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1965	1986	1987
Total	919.8	895.7	880.7	844.6	829.8	854.5	868.7	879.2	891.6
Goods-Producing Industries[b]	311.5	286.1	275.7	249.2	233.8	242.6	239.9	232.3	230.1
Construction	33.5	29.8	27.6	25.0	25.3	27.6	27.5	26.4	28.4
Special Trade Contractors	.....	.....	.....	.....	17.6	19.1	18.9	17.5	18.3
Manufacturing	276.3	254.9	246.8	223.0	207.3	213.8	211.2	204.9	200.6
Durable Goods[c]	204.7	186.5	179.8	158.7	143.7	148.4	146.1	140.6	136.4
Stone, Clay, and Glass Products	.....	.....	.....	.....	3.3	3.5	3.5	3.5	3.7
Primary Metal Industries	31.6	28.8	29.4	26.2	24.1	23.8	22.3	21.3	21.0
Iron and Steel Foundries	7.0	6.1	6.7	6.3	5.7	5.8	5.5	5.4	5.0
Fabricated Metal Products	45.6	40.1	38.6	33.7	31.2	33.3	33.3	32.5	32.1
Screw Machine Products, Bolts, etc.	7.3	6.3	5.9	4.9	4.3	4.8	4.8	4.7	4.8
Metal Forgings and Stampings	17.7	13.9	13.3	11.7	10.7	11.4	11.1	11.0	11.0
Industrial Machinery and Equipment	54.0	52.5	49.2	41.3	33.6	36.2	35.4	32.7	31.3
Electronic and Other Electric Equipment	.....	.....	.....	.....	.....	.....	.....	.....	.....
Electric Lighting and Wiring Equipment	.....	.....	.....	.....	5.7	5.8	5.8	5.7	5.3
Transportation Equipment	31.7	25.3	23.8	20.6	20.3	20.0	19.9	19.7	19.3
Motor Vehicles and Equipment	24.0	17.2	16.4	13.9	13.9	13.3	12.8	12.4	12.1
Instruments and Related Products	6.5	7.0	7.2	6.7	7.3	8.6	8.5	8.1	7.3
Nondurable Goods[d]	71.6	68.4	67.0	64.3	63.6	65.4	65.1	64.2	64.2
Food and Kindred Products	9.2	8.8	8.2	7.8	7.7	7.2	6.8	6.8	6.9
Apparel and Other Textile Products	6.1	5.7	5.7	5.3	4.9	5.1	4.8	4.4	3.8
Paper and Allied Products	5.3	5.2	5.0	4.9	4.9	5.5	5.4	5.4	5.8
Printing and Publishing	15.3	15.3	15.3	15.0	15.0	15.7	16.0	16.0	16.2
Chemicals and Allied Products	16.9	16.6	16.1	15.2	14.3	14.2	14.2	14.5	14.6
Rubber and Miscellaneous Plastics Products	13.1	11.0	10.9	10.4	11.0	12.1	12.0	12.0	11.9
Miscellaneous Plastics Products	.....	.....	.....	.....	5.5	6.2	6.4	6.7	6.9
Service-Producing Industries	608.4	609.5	605.0	595.4	596.0	611.8	628.8	646.9	661.5
Transportation and Public Utilities	47.8	45.9	44.8	43.0	40.9	41.6	41.1	41.4	41.5
Transportation	28.8	26.6	25.0	22.7	21.5	22.7	22.7	22.7	23.4
Trucking and Warehousing	.....	.....	.....	.....	10.1	10.8	11.3	11.5	11.9
Communications, Electric, Gas Services	18.9	19.3	19.9	20.2	19.4	18.9	18.5	18.7	18.1
Communications	.....	.....	.....	.....	12.7	12.0	11.0	10.8	10.5
Electric, Gas, and Sanitary Services	.....	.....	.....	.....	6.7	6.9	7.5	7.9	7.6
Wholesale Trade	65.5	64.1	63.0	60.8	59.1	61.5	63.0	62.1	61.1
Wholesale Trade-Durable Goods	.....	.....	.....	.....	41.6	43.3	44.2	43.3	42.5
Retail Trade	146.5	141.1	137.4	134.3	135.7	140.7	146.2	150.5	153.7
General Merchandise Stores	.....	.....	.....	.....	21.1	21.4	20.6	20.5	20.9

See footnotes at end of table.

RS-790-1-4(1979-1987)

Cleveland PMSA

Nonagricultural Wage and Salary Employment, 1979–1987[a] (continued)

(in thousands)

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Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Finance, Insurance, and Real Estate	47.9	48.2	48.2	48.4	48.4	48.5	49.5	51.8	54.9
Insurance	.....	.....	.....	.....	.....	.....	.....	.....	.....
Insurance Carriers	12.6	12.2	11.9	12.2	11.8	11.4	11.7	12.6	13.7
Services	182.5	187.5	191.8	192.2	195.7	204.3	213.2	224.8	233.5
Health Services	.....	.....	.....	.....	65.4	65.8	67.3	71.7	75.1
Hospitals	.....	.....	.....	.....	39.7	38.3	38.1	40.5	42.7
Educational Services	.....	.....	.....	.....	16.1	16.4	16.2	16.1	16.4
Social Services	.....	.....	.....	.....	9.2	9.8	10.1	11.1	12.5
Government	118.2	122.6	119.7	116.7	116.1	115.3	115.7	116.2	116.8
Federal Government	20.3	20.7	20.0	19.5	19.4	19.5	19.8	20.1	20.5
State Government	7.8	8.1	7.9	7.8	7.9	7.8	7.9	8.1	8.3
State Government Education[e]	.....	.....	.....	.....	2.8	2.8	2.8	2.9	3.1
Local Government	90.1	93.8	91.9	89.4	88.9	88.0	88.1	88.0	88.0
Local Government Education	45.0	47.9	45.9	43.8	42.9	43.0	42.8	42.6	43.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

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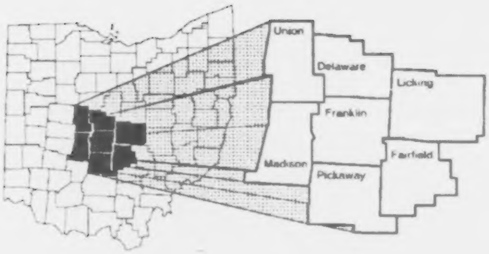
Columbus Metropolitan Statistical Area



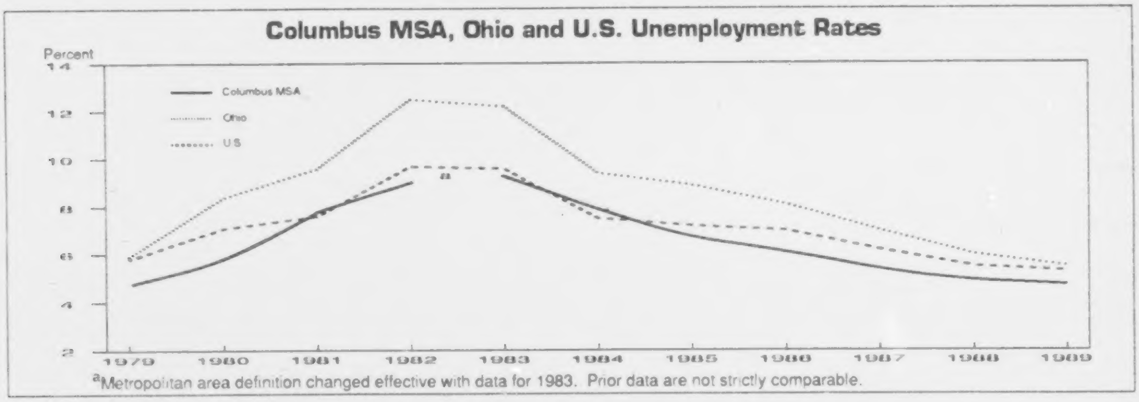
Based on place of residence, the estimated annual average civilian labor force in the Columbus metropolitan area increased 19,100 from 1988 to 730,300 in 1989. Total employment gained 19,400 over the year, while unemployment recorded a decrease of 300. The unemployment rate dropped from 4.9 percent in 1988 to 4.8 percent in 1989. (See table below.)

Nonagricultural wage and salary employment advanced 21,200 above the 1988 level to 701,700 in 1989, a growth rate of 3.1 percent. Service-producing industries, at 566,700, added 18,900 employees. Leading areas of expansion were services, especially business services and health services, and retail trade. Noteworthy gains were also reported in government, wholesale trade, and finance, insurance, and real estate. Employment in goods-producing industries increased 1.8 percent, or 2,400 jobs, to 135,000 mainly due to scattered improvements in manufacturing. Over-the-year growth in transportation equipment, rubber and miscellaneous plastics products, fabricated metal products, instruments and related products, food and kindred products, and printing and publishing outweighed reductions in industrial machinery and equipment and electronic and other electric equipment. Construction employment increased slightly above the year-ago level.

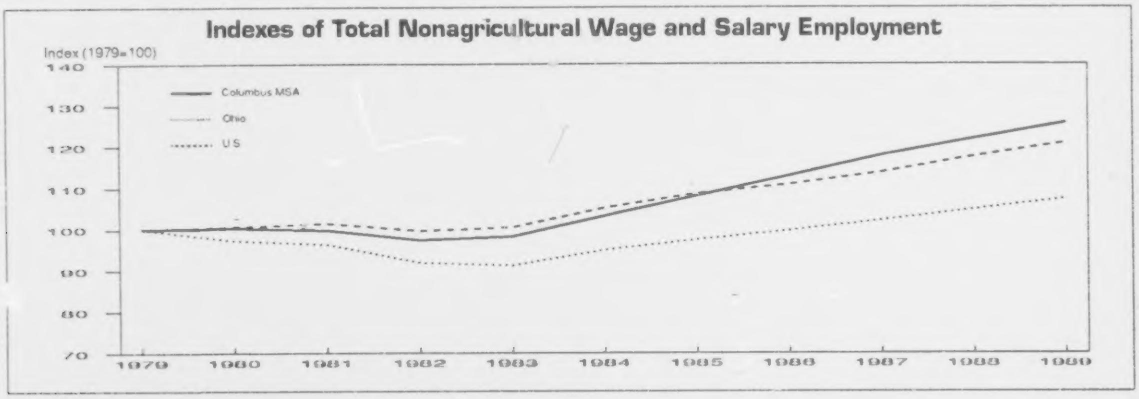
Columbus MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

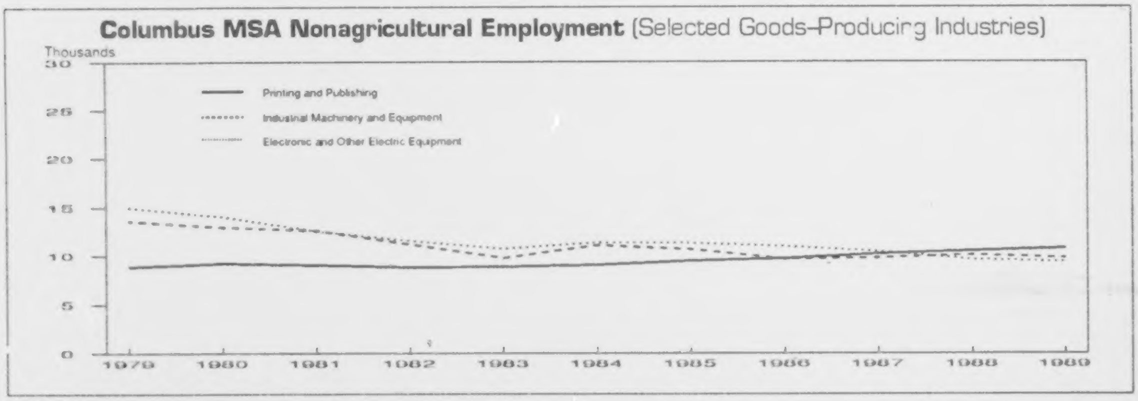
Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment		
			MSA	Ohio	U.S.			Goods-Producing Industries	Service-Producing Industries
543.0	517.1	25.8	4.8	5.9	5.8	1979	558.4	142.1	416.3
554.7	523.4	31.4	5.7	8.4	7.1	1980	560.2	135.2	425.1
562.4	519.1	43.3	7.7	9.6	7.6	1981	556.9	129.7	427.1
567.4	516.4	51.0	9.0	12.5	9.7	1982	544.0	118.3	425.7
647.7[c]	587.4[c]	60.3[c]	9.3[c]	12.2	9.6	1983	548.5	116.7	431.8
633.5	584.3	49.2	7.8	9.4	7.5	1984	576.4	125.1	451.3
649.4	605.6	43.8	6.7	8.9	7.2	1985	603.6	129.0	474.6
676.2	634.9	41.3	6.1	8.1	7.0	1986	630.7	130.7	500.0
694.9	657.2	37.7	5.4	7.0	6.2	1987	658.0	131.8	526.2
711.2	676.2	35.0	4.9	6.0	5.5	1988	680.5	132.6	547.8
730.3	695.6	34.7	4.8	5.5	5.3	1989	701.7	135.0	566.7

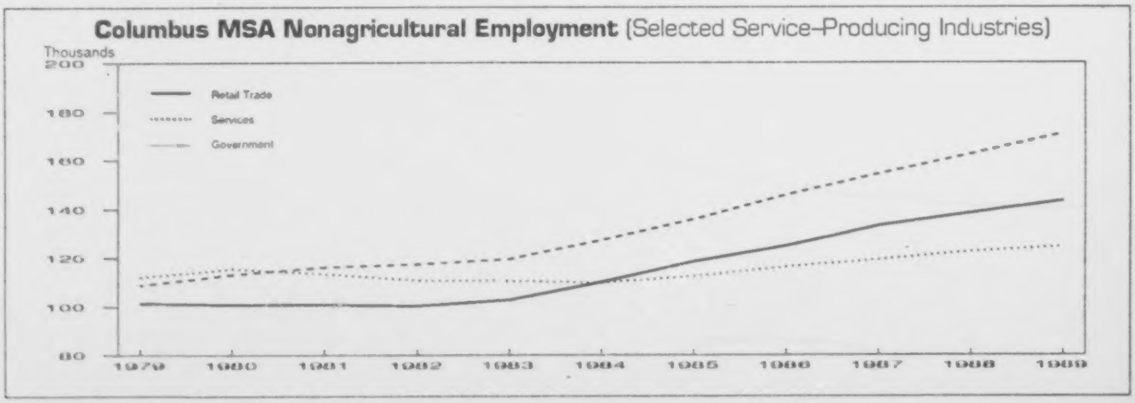
[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.
[c] Data not comparable to previous years due to change in metropolitan area definition.


Columbus MSA, Ohio and U.S. Unemployment Rates

[a] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.


Indexes of Total Nonagricultural Wage and Salary Employment


Columbus MSA Nonagricultural Employment (Selected Goods-Producing Industries)


Columbus MSA Nonagricultural Employment (Selected Service-Producing Industries)

Columbus MSA

Nonagricultural Wage and Salary Employment, 1989[a]
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	701.7	682.7	687.1	692.8	695.7	701.6	706.7	699.0	700.7	706.2	712.9	716.6	718.6
Goods-Producing Industries[b]	135.0	130.7	130.7	132.0	132.9	134.5	136.4	137.4	137.6	138.4	137.6	137.0	135.4
Construction	29.4	26.4	26.1	27.2	28.3	29.3	30.6	31.4	31.6	31.4	31.2	30.3	29.3
Manufacturing	104.8	103.5	103.8	104.0	103.7	104.4	105.0	105.1	105.2	106.1	105.5	105.9	105.2
Durable Goods[c]	65.9	65.1	65.4	65.5	65.3	65.8	65.9	65.9	66.0	66.8	66.1	66.6	66.0
Stone, Clay, and Glass Products	9.9	9.7	9.8	9.9	9.7	9.7	9.8	9.7	10.0	10.2	10.0	10.1	9.8
Glass and Glassware, Pressed or Blown	3.5	3.4	3.4	3.5	3.5	3.4	3.4	3.3	3.5	3.5	3.5	3.6	3.5
Fabricated Metal Products	9.8	9.8	9.9	9.8	9.8	9.8	9.7	9.5	9.7	10.0	9.9	10.0	10.0
Industrial Machinery and Equipment	9.8	9.9	9.8	9.9	9.8	9.8	9.9	10.0	9.7	9.8	9.3	9.6	9.5
Electronic and Other Electric Equipment	9.3	9.3	9.2	9.3	9.2	9.3	9.3	9.4	9.4	9.5	9.4	9.4	9.2
Transportation Equipment	13.7	13.1	13.4	13.6	13.7	13.8	13.8	13.8	13.8	13.9	14.0	14.0	14.0
Motor Vehicles and Equipment	13.0	12.2	12.6	12.8	12.9	13.0	13.2	13.2	13.1	13.2	13.4	13.4	13.3
Instruments and Related Products	4.7	4.6	4.7	4.6	4.7	4.7	4.7	4.8	4.8	4.8	4.9	4.8	4.8
Nondurable Goods[d]	38.9	38.3	38.4	38.5	38.4	38.6	39.1	39.2	39.1	39.3	39.4	39.3	39.2
Food and Kindred Products	10.7	10.4	10.4	10.5	10.5	10.5	10.7	10.8	10.9	10.9	10.9	10.7	10.7
Dairy Products	3.9	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	3.9	4.0
Printing and Publishing	10.8	10.7	10.7	10.7	10.6	10.7	10.7	10.7	10.7	10.9	10.9	10.9	11.0
Chemicals and Allied Products	6.9	6.8	6.8	6.8	6.8	6.8	7.0	7.0	7.0	6.9	6.8	6.8	6.8
Rubber and Miscellaneous Plastics Products	6.1	5.9	5.9	5.9	6.0	6.1	6.2	6.1	6.2	6.2	6.3	6.4	6.3
Service-Producing Industries	566.7	552.0	556.4	560.9	562.8	567.2	570.3	561.6	563.1	567.7	575.4	579.6	583.2
Transportation and Public Utilities	30.8	30.0	30.1	30.1	30.4	30.6	30.9	30.9	31.1	31.1	31.2	31.3	31.5
Transportation	18.5	17.8	17.9	17.9	18.0	18.3	18.4	18.5	18.7	18.8	18.9	19.0	19.2
Trucking and Warehousing	12.9	12.1	12.4	12.4	12.5	12.8	12.8	12.9	13.1	13.1	13.3	13.5	13.7
Communications, Electric, Gas Services	12.3	12.2	12.2	12.2	12.4	12.3	12.4	12.4	12.4	12.3	12.3	12.3	12.3
Communications	7.7	7.6	7.6	7.7	7.8	7.7	7.8	7.8	7.8	7.7	7.8	7.7	7.7
Electric, Gas, and Sanitary Services	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Wholesale Trade	37.0	36.3	36.5	36.8	36.6	36.8	37.2	37.3	37.1	37.2	37.4	37.4	37.5
Wholesale Trade-Durable Goods	24.0	23.4	23.7	23.8	23.8	23.9	24.1	24.2	24.0	24.1	24.1	24.2	24.2
Motor Vehicles, Parts, and Supplies	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1
Machinery, Equipment, and Supplies	5.4	5.1	5.3	5.3	5.3	5.4	5.5	5.5	5.4	5.5	5.4	5.5	5.4
Wholesale Trade-Nondurable Goods	13.0	12.8	12.8	13.0	12.8	12.9	13.1	13.1	13.1	13.2	13.3	13.3	13.3
Retail Trade	143.4	138.0	138.3	139.9	140.2	142.7	143.2	142.9	144.1	145.0	146.2	148.9	151.4
General Merchandise Stores	21.0	19.8	20.3	20.4	20.4	20.4	20.3	20.4	20.8	21.1	21.4	22.7	23.7
Food Stores	16.5	16.0	16.1	16.3	16.2	16.2	16.3	16.4	16.4	16.5	16.7	17.1	17.3
Automotive Dealers and Service Stations	14.1	13.7	13.7	13.8	13.9	14.2	14.2	14.3	14.3	14.4	14.3	14.3	14.3

See footnotes at end of table.

Columbus MSA
Nonagricultural Wage and Salary Employment, 1989[a] (continued)
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Finance, Insurance, and Real Estate	59.8	58.8	59.2	59.6	59.0	59.4	60.1	60.5	60.7	60.4	59.8	60.0	60.0
Finance	23.6	23.1	23.2	23.4	23.2	23.4	23.7	23.8	23.9	23.7	23.6	23.8	23.8
Depository Institutions	14.3	14.1	14.0	14.3	14.1	14.2	14.4	14.6	14.6	14.5	14.3	14.3	14.3
Commercial Banks	11.8	11.4	11.5	11.8	11.6	11.6	11.9	12.0	12.0	12.0	11.9	11.9	12.0
Insurance	27.6	27.4	27.5	27.6	27.4	27.4	27.6	27.8	27.8	27.7	27.5	27.6	27.5
Insurance Carriers	23.6	23.4	23.4	23.5	23.4	23.4	23.6	23.7	23.8	23.7	23.5	23.7	23.6
Services	170.9	163.5	165.9	167.6	169.6	170.5	171.7	172.2	173.0	174.4	174.5	174.4	173.5
Business Services	35.9	33.5	33.7	34.5	35.1	35.6	35.7	36.3	36.7	36.9	37.6	37.5	37.6
Personnel Supply Services	12.6	10.9	11.0	11.6	12.3	12.6	12.5	12.8	13.1	13.1	13.6	13.7	13.7
Health Services	44.4	43.2	43.4	43.7	43.7	43.9	44.5	44.7	45.1	45.0	45.0	45.3	45.4
Nursing and Personal Care Facilities	8.0	7.8	8.0	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1	8.2	8.2
Hospitals	20.6	20.1	20.1	20.2	20.3	20.3	20.6	20.8	21.0	20.8	20.8	20.9	21.0
Legal Services	4.4	4.3	4.4	4.4	4.3	4.4	4.5	4.5	4.5	4.4	4.5	4.5	4.5
Educational Services	7.3	7.9	8.7	8.0	7.9	7.1	6.3	5.6	5.4	6.9	7.8	8.1	7.9
Social Services	12.4	11.9	12.1	12.2	12.1	12.1	12.3	12.4	12.5	12.6	12.7	12.9	13.0
Engineering and Management Services	17.7	17.7	17.8	17.8	17.6	17.5	17.7	17.7	17.8	17.6	17.7	17.7	17.8
Engineering and Architectural Services	4.4	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.4	4.4	4.4	4.5
Accounting, Auditing, and Bookkeeping	4.1	4.2	4.3	4.2	4.1	4.0	4.0	4.0	4.1	4.1	4.1	4.0	4.1
Research and Testing Services	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.1	6.1	6.1
Government	124.8	125.4	126.4	126.9	127.0	127.1	127.2	117.9	117.1	119.6	126.2	127.5	129.3
Federal Government	16.1	15.8	15.7	15.8	16.0	16.1	16.2	16.2	16.3	16.1	16.2	16.1	16.2
State Government	54.5	54.6	55.4	55.7	55.6	55.7	56.6	51.2	50.7	50.1	55.1	55.9	57.3
State Government Education[e]	22.4	23.2	23.8	24.0	23.7	23.8	24.0	18.2	18.1	17.8	23.1	23.7	24.8
Local Government	54.3	55.0	55.3	55.5	55.4	55.3	54.4	50.5	50.1	53.4	54.9	55.6	55.8
Local Government Education	32.4	33.4	33.7	34.0	33.7	33.4	32.0	27.9	27.7	31.8	33.2	33.9	33.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-5 (1989)

Columbus MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$12.01	$11.70	$11.83	$11.87	$11.89	$11.93	$11.95	$12.03	$11.99	$12.09	$12.22	$12.26	$12.31
Durable Goods[b]	12.27	11.97	12.08	12.11	12.13	12.17	12.20	12.30	12.26	12.34	12.49	12.55	12.63
Stone, Clay, and Glass Products	11.93	11.64	11.54	11.77	11.90	11.92	12.19	12.15	11.99	11.92	12.19	12.14	11.79
Glass and Glassware, Pressed or Blown	10.88	10.83	10.68	10.76	10.79	10.82	11.13	10.94	10.75	10.79	11.14	10.99	10.96
Fabricated Metal Products	12.47	12.46	12.45	12.31	12.42	12.33	12.26	12.60	12.49	12.63	12.58	12.50	12.56
Industrial Machinery and Equipment	11.65	11.55	11.45	11.43	11.46	11.47	11.69	11.73	11.60	11.73	11.81	11.86	11.99
Electronic and Other Electric Equipment	11.72	11.49	11.48	11.45	11.45	11.56	11.41	11.59	11.71	12.04	12.06	12.11	12.25
Transportation Equipment	14.31	13.84	14.24	14.34	14.16	14.16	14.18	14.19	14.26	14.30	14.57	14.55	14.80
Motor Vehicles and Equipment	14.40	13.99	14.40	14.51	14.32	14.30	14.26	14.25	14.31	14.34	14.61	14.58	14.81
Instruments and Related Products	10.44	10.64	10.57	10.59	10.51	10.63	10.54	10.53	10.46	10.35	10.14	10.27	10.16
Nondurable Goods[c]	11.47	11.18	11.32	11.36	11.39	11.43	11.44	11.46	11.46	11.58	11.63	11.64	11.68
Food and Kindred Products	10.15	10.00	9.95	10.01	10.18	10.17	10.15	10.17	10.08	10.20	10.19	10.26	10.37
Dairy Products	13.50	12.62	13.20	12.92	13.27	13.38	13.47	13.40	13.66	14.17	13.66	14.14	14.27
Printing and Publishing	13.68	13.48	13.60	13.56	13.60	13.67	13.63	13.68	13.70	13.70	13.83	13.80	13.85
Chemicals and Allied Products	14.31	13.60	13.97	14.15	14.15	14.16	14.10	14.07	14.22	14.54	14.76	14.88	15.02
Rubber and Miscellaneous Plastics Products	9.02	8.88	8.87	8.85	8.88	8.90	8.93	9.00	9.02	9.19	9.29	9.30	9.09
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Transportation	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trucking and Warehousing	12.88	12.78	12.68	12.76	12.71	12.95	12.77	12.92	12.96	12.95	12.92	12.82	13.20
Communications, Electric, Gas Services	14.49	14.04	13.99	14.10	14.12	14.20	14.40	14.41	14.64	15.01	15.09	14.66	15.05
Communications	14.29	13.92	13.85	13.86	13.95	14.08	14.40	14.40	14.62	14.65	14.60	14.66	14.49
Electric, Gas, and Sanitary Services	14.79	14.24	14.22	14.48	14.39	14.40	14.39	14.42	14.67	15.51	15.75	14.67	15.81
Wholesale Trade	10.16	9.49	10.14	10.15	10.15	10.18	10.15	10.19	10.26	10.23	10.28	10.32	10.38
Retail Trade[d]	6.46	6.38	6.41	6.44	6.39	6.43	6.41	6.42	6.42	6.51	6.55	6.56	6.63
General Merchandise Stores	6.87	6.76	6.81	6.78	6.82	6.81	6.80	6.90	6.91	6.99	7.05	6.87	6.93
Food Stores	6.98	6.90	6.88	6.91	6.91	6.99	7.02	6.99	7.00	7.05	7.04	7.05	7.04
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nursing and Personal Care Facilities	6.73	6.52	6.56	6.51	6.59	6.62	6.66	6.75	6.74	6.84	6.91	6.93	7.03
Hospitals	11.05	10.61	10.75	10.73	10.80	10.87	10.96	11.00	11.06	11.30	11.40	11.43	11.56
Engineering and Management Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineering and Architectural Services	12.02	11.65	11.72	12.14	12.00	11.97	11.82	11.67	11.79	12.29	12.34	12.40	12.42

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-5 (1989)

Columbus MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	41.7	41.5	41.5	41.6	41.4	41.4	41.3	41.3	41.4	41.7	41.9	42.4	42.7
Durable Goods[b]	41.9	41.5	41.7	41.9	41.7	41.6	41.5	41.7	41.7	41.7	42.0	42.5	42.8
Stone, Clay, and Glass Products	42.9	40.6	41.6	43.3	43.5	42.8	44.4	44.6	43.9	42.9	43.1	42.8	41.1
Glass and Glassware, Pressed or Blown	41.6	39.5	41.6	41.8	41.6	41.3	41.7	41.8	41.6	42.2	42.3	42.2	41.3
Fabricated Metal Products	40.7	41.1	40.1	40.3	40.7	40.6	40.7	40.3	40.0	40.5	40.4	41.2	41.9
Industrial Machinery and Equipment	41.0	41.2	39.9	40.0	40.2	40.8	41.0	41.1	40.8	41.5	41.2	42.0	42.2
Electronic and Other Electric Equipment	40.9	40.2	39.3	40.3	40.0	40.2	38.5	39.5	41.9	42.9	42.4	42.3	43.3
Transportation Equipment	43.4	42.9	45.1	43.7	43.1	42.4	41.6	42.4	41.9	42.0	44.6	44.6	45.5
Motor Vehicles and Equipment	43.4	42.9	45.2	43.7	43.1	42.4	41.6	42.5	41.9	42.0	44.7	44.7	45.6
Instruments and Related Products	40.0	39.7	40.1	40.8	39.9	40.6	40.9	39.6	40.0	39.2	39.7	40.1	39.7
Nondurable Goods[c]	41.3	41.5	41.0	40.8	41.0	40.8	40.8	40.7	40.9	41.6	41.7	42.2	42.4
Food and Kindred Products	41.4	40.8	41.2	41.9	42.0	41.2	41.5	41.9	40.3	41.4	40.8	41.7	42.7
Dairy Products	42.9	42.2	42.8	40.2	43.2	41.4	43.3	42.2	42.2	44.8	41.7	45.1	46.4
Printing and Publishing	39.6	39.4	39.1	38.8	39.1	39.5	39.0	38.4	39.2	39.5	40.3	40.4	41.8
Chemicals and Allied Products	43.3	44.0	44.3	43.0	42.4	42.1	42.3	41.6	41.9	43.5	44.3	45.3	45.1
Rubber and Miscellaneous Plastics Products	41.9	42.7	41.0	40.3	41.6	41.1	41.4	41.5	42.3	43.0	43.1	43.4	41.5
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Transportation	....	....	....	....	....	....	....	....	....	....	....	....	....
Trucking and Warehousing	30.1	28.1	29.5	30.3	29.8	31.7	30.0	29.6	29.3	29.7	29.3	29.2	34.2
Communications, Electric, Gas Services	41.8	40.3	40.3	40.6	40.3	40.8	41.4	41.5	42.2	44.3	43.7	41.6	44.1
Communications	40.6	39.7	39.4	39.4	39.9	40.3	41.4	41.5	42.1	41.9	40.8	41.0	40.3
Electric, Gas, and Sanitary Services	43.6	41.3	41.7	42.5	41.0	41.5	41.5	41.5	42.3	48.3	48.4	42.5	50.7
Wholesale Trade	38.2	37.7	38.0	38.2	38.5	38.3	37.9	38.2	38.1	38.2	38.5	38.5	38.4
Retail Trade	28.4	28.2	28.3	28.4	28.4	28.2	28.9	28.7	28.8	28.4	27.9	27.9	28.8
General Merchandise Store	28.8	28.5	28.3	28.4	28.3	28.4	28.7	29.1	29.0	29.0	28.8	28.1	30.7
Food Stores	27.0	26.2	25.8	26.3	26.4	26.5	28.3	28.1	27.9	27.6	26.8	27.1	27.5
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Nursing and Personal Care Facilities	32.3	32.1	32.0	32.2	31.5	32.0	32.3	32.8	32.6	32.7	32.6	32.8	32.1
Hospitals	34.1	34.0	33.7	33.7	33.6	33.8	34.1	34.4	34.2	34.6	34.4	34.5	34.4
Engineering and Management Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Engineering and Architectural Services	39.1	38.8	39.5	39.7	38.2	38.8	38.7	38.8	39.5	39.9	38.9	39.4	39.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-5 (1989)

Columbus MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$500.82	$485.55	$490.95	$493.79	$492.25	$493.90	$493.54	$496.84	$496.39	$504.15	$512.02	$519.82	$525.64
Durable Goods[b]	514.11	496.76	503.74	507.41	505.82	506.27	506.30	512.91	511.24	514.58	524.58	533.38	540.56
Stone, Clay, and Glass Products	511.80	472.58	480.06	509.54	517.65	510.18	541.24	541.89	526.36	511.37	525.39	519.59	484.57
Glass and Glassware, Pressed or Blown	452.61	427.79	444.29	449.77	448.86	446.87	464.12	457.29	447.20	455.34	471.22	463.78	452.65
Fabricated Metal Products	507.53	512.11	499.25	496.09	505.49	500.60	498.98	507.78	499.60	511.52	508.23	515.00	526.26
Industrial Machinery and Equipment	477.65	475.86	456.86	457.20	460.69	467.98	479.29	482.10	473.28	486.80	486.57	498.12	505.98
Electronic and Other Electric Equipment	479.35	461.90	451.16	461.44	458.00	464.71	439.29	457.81	490.65	516.52	511.34	512.25	530.43
Transportation Equipment	621.05	593.74	642.22	626.66	610.30	600.38	589.89	601.66	597.49	600.60	649.82	648.93	673.40
Motor Vehicles and Equipment	624.96	600.17	650.88	634.09	617.19	606.32	593.22	605.63	599.59	602.28	653.07	651.73	675.34
Instruments and Related Products	417.60	422.41	423.86	432.07	419.35	431.58	431.09	416.99	418.40	405.72	402.56	411.83	403.35
Nondurable Goods[c]	473.71	463.97	464.12	463.49	466.99	466.34	466.75	466.42	468.71	481.73	484.97	491.21	495.23
Food and Kindred Products	420.21	408.00	409.94	419.42	427.56	419.00	421.23	426.12	406.22	422.28	415.75	427.84	442.80
Dairy Products	579.15	532.56	564.96	519.38	573.26	553.93	583.25	565.48	576.45	634.82	569.62	637.71	662.13
Printing and Publishing	541.73	531.11	531.76	526.13	531.76	539.97	531.57	525.31	537.04	541.15	557.35	557.52	578.93
Chemicals and Allied Products	619.62	598.40	618.87	608.45	599.96	596.14	596.43	585.31	595.82	632.49	653.87	674.06	677.40
Rubber and Miscellaneous Plastics Products	377.94	379.18	363.67	356.66	369.41	365.79	369.70	373.50	381.55	[illegible]	400.40	403.62	377.24
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Transportation	......	......	......	......	......	......	......	......	......	......	......	......	......
Trucking and Warehousing	387.69	359.12	374.06	386.63	378.76	410.52	383.10	382.43	379.73	384.62	378.56	374.34	451.44
Communications, Electric, Gas Services	605.68	565.81	563.80	572.46	569.04	579.36	596.16	598.02	617.81	664.94	659.43	609.86	663.71
Communications	580.17	552.62	545.69	546.08	556.61	567.42	596.16	597.60	615.50	613.84	595.68	601.06	583.95
Electric, Gas, and Sanitary Services	644.84	588.11	592.97	615.40	589.99	597.60	597.19	598.43	620.54	749.13	762.30	623.48	801.57
Wholesale Trade	388.11	357.77	385.32	387.73	390.78	389.89	384.69	389.26	390.91	390.79	395.78	397.32	398.59
Retail Trade[d]	183.46	179.92	181.40	182.90	181.48	181.33	185.25	184.25	184.90	184.88	182.75	183.02	190.94
General Merchandise Stores	197.86	192.66	192.72	192.55	193.01	193.40	195.16	200.79	200.39	202.71	203.04	193.05	212.75
Food Stores	188.46	180.78	177.50	181.73	182.42	185.24	198.67	196.42	195.30[f]	194.58	188.67	191.06	193.60
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	419.14	407.90	409.63	411.50	413.79	413.41	414.48	419.58	414.95	425.21	428.50	434.50	435.91
Depository Institutions	277.80	269.79	270.14	271.99	275.17	276.10	273.09	284.53	275.48	284.73	281.67	286.69	284.10
Commercial Banks	276.15	269.66	271.06	272.30	274.79	274.51	271.88	274.10	274.00	282.75	279.65	284.85	283.96
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Nursing and Personal Care Facilities	217.38	209.29	209.92	209.62	207.59	211.84	215.12	221.40	219.72	223.67	225.27	227.30	225.66
Hospitals	376.81	360.74	362.28	361.60	362.88	367.41	373.74	378.40	[illegible]	390.98	392.16	394.34	397.66
Engineering and Management Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Engineering and Architectural Services	469.98	452.02	462.94	481.96	458.40	464.44	457.43	452.80	465.71	490.37	480.03	488.56	486.86

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-5 (1989)

Columbus MSA

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	680.5	658.4	659.2	664.1	674.4	680.2	687.3	679.5	680.4	688.0	694.4	698.4	701.3
Goods-Producing Industries[b]	132.6	127.5	126.8	127.2	130.4	132.1	134.3	135.6	135.8	136.6	135.8	135.4	134.3
Construction	29.2	24.5	24.4	25.4	28.0	29.3	30.9	31.8	32.0	31.9	31.4	30.9	29.9
Manufacturing	102.6	102.2	101.5	101.0	101.5	101.9	102.5	102.9	102.9	103.8	103.5	103.7	103.5
Durable Goods[c]	64.7	65.2	64.6	63.8	63.9	64.1	64.3	64.8	64.7	65.4	65.2	65.2	65.0
Stone, Clay, and Glass Products	10.0	9.8	10.0	9.9	10.1	10.2	10.2	10.2	10.0	9.9	9.8	9.8	9.7
Glass and Glassware, Pressed or Blown	3.3	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.2	3.3	3.3
Fabricated Metal Products	9.5	9.2	9.1	9.0	9.2	9.3	9.5	9.6	9.6	9.9	9.7	9.7	9.9
Industrial Machinery and Equipment	10.1	10.3	10.3	10.2	10.1	10.1	10.1	10.0	10.0	10.0	10.0	10.0	9.9
Electronic and Other Electric Equipment	9.6	10.2	10.1	10.1	9.8	9.8	9.5	9.5	9.4	9.4	9.3	9.2	9.1
Transportation Equipment	12.8	13.2	12.6	12.0	12.4	12.3	12.5	12.7	12.9	13.2	13.3	13.4	13.3
Motor Vehicles and Equipment	10.7	9.7	9.8	9.9	10.2	10.3	10.6	10.8	11.0	11.4	11.6	11.8	11.8
Instruments and Related Products	4.4	4.2	4.2	4.2	4.2	4.3	4.3	4.5	4.5	4.5	4.4	4.5	4.6
Nondurable Goods[d]	37.9	37.0	37.0	37.2	37.6	37.8	38.2	38.1	38.2	38.4	38.4	38.5	38.6
Food and Kindred Products	10.4	10.3	10.1	10.2	10.2	10.2	10.3	10.6	10.6	10.6	10.6	10.5	10.5
Dairy Products	3.8	3.7	3.6	3.8	3.7	3.7	3.8	3.9	3.8	3.8	3.7	3.7	3.7
Printing and Publishing	10.5	10.3	10.3	10.4	10.4	10.4	10.5	10.5	10.5	10.7	10.6	10.7	10.7
Chemicals and Allied Products	6.8	6.7	6.7	6.7	6.8	6.8	6.9	6.9	6.9	6.8	6.9	6.9	6.9
Rubber and Miscellaneous Plastics Products	5.6	5.2	5.3	5.4	5.6	5.7	5.9	5.5	5.6	5.6	5.7	5.8	5.8
Service-Producing Industries	547.8	530.9	532.4	536.9	544.0	548.1	553.0	543.9	544.6	551.4	558.7	563.0	567.0
Transportation and Public Utilities	30.0	28.7	28.9	28.9	29.2	29.5	29.9	30.9	31.1	30.9	30.6	30.6	30.7
Transportation	17.8	16.8	17.0	17.0	17.2	17.4	17.8	18.5	18.7	18.5	18.2	18.3	18.4
Trucking and Warehousing	12.3	11.8	11.9	11.9	11.9	12.0	12.2	12.8	12.9	12.6	12.4	12.6	12.7
Communications, Electric, Gas Services	12.2	11.9	11.9	11.9	12.0	12.1	12.1	12.4	12.4	12.4	12.4	12.3	12.3
Communications	7.6	7.5	7.4	7.5	7.4	7.4	7.5	7.7	7.7	7.7	7.7	7.7	7.7
Electric, Gas, and Sanitary Services	4.6	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.6
Wholesale Trade	35.5	34.0	34.1	34.2	34.8	35.1	35.5	35.9	36.1	36.2	36.7	36.9	37.0
Wholesale Trade-Durable Goods	22.9	22.0	22.0	22.1	22.6	22.8	23.0	23.2	23.2	23.3	23.5	23.6	23.7
Motor Vehicles, Parts, and Supplies	3.2	3.1	3.1	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Machinery, Equipment, and Supplies	4.9	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.1
Wholesale Trade-Nondurable Goods	12.6	12.0	12.0	12.1	12.3	12.3	12.5	12.7	12.9	13.0	13.2	13.3	13.3
Retail Trade	138.5	134.4	132.8	134.2	136.7	138.5	139.4	138.0	139.5	139.8	140.2	142.8	145.2
General Merchandise Stores	20.4	20.8	20.0	20.1	20.0	19.7	19.6	20.1	20.6	20.6	20.4	21.4	22.1
Food Stores	16.8	17.0	16.9	16.7	17.1	17.2	17.4	16.5	16.5	16.4	16.3	16.4	16.8
Automotive Dealers and Service Stations	13.6	13.0	13.0	13.2	13.6	13.5	13.8	14.0	14.0	14.0	13.8	13.8	13.7

See footnotes at end of table.

RS-790-1-5(1988)

Columbus MSA

Nonagricultural Wage and Salary Employment, 1988[a] (continued)
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Finance, Insurance, and Real Estate	58.7	56.8	56.9	57.5	58.4	58.8	59.5	59.7	59.7	59.4	58.8	59.1	59.3
Finance	23.4	22.6	22.7	23.2	23.4	23.5	23.8	23.5	23.5	23.6	23.5	23.7	24.0
Depository Institutions	14.5	14.0	14.1	14.4	14.5	14.6	14.9	14.5	14.5	14.5	14.4	14.5	14.6
Commercial Banks	11.5	10.9	11.0	11.3	11.6	11.6	11.9	11.6	11.6	11.7	11.6	11.7	11.9
Insurance	27.1	26.8	26.9	27.0	27.3	27.3	27.4	27.3	27.3	27.0	26.9	26.9	27.0
Insurance Carriers	23.2	23.0	23.0	23.1	23.4	23.4	23.5	23.3	23.3	23.1	22.9	22.9	23.0
Services	162.5	154.3	156.2	157.9	160.7	161.6	163.4	164.1	163.8	166.6	167.1	167.4	166.8
Business Services	32.0	29.8	29.9	30.2	30.5	30.9	31.9	32.6	32.7	33.2	34.0	34.3	34.3
Personnel Supply Services	11.0	10.0	9.9	10.1	10.3	10.6	10.9	11.5	11.4	11.5	11.9	12.1	12.1
Health Services	42.0	40.6	40.6	40.8	41.1	41.3	41.6	42.3	42.6	42.9	43.3	43.4	43.5
Nursing and Personal Care Facilities	8.2	8.2	8.1	8.1	8.2	8.2	8.2	8.2	8.3	8.3	8.1	8.1	8.0
Hospitals	19.3	18.8	18.8	18.9	18.8	18.9	19.0	19.3	19.4	19.6	19.9	20.0	20.1
Legal Services	4.3	4.2	4.2	4.3	4.2	4.3	4.4	4.4	4.4	4.3	4.3	4.4	4.4
Educational Services	8.1	8.2	9.0	9.0	9.0	8.2	7.2	6.6	6.1	8.0	8.5	8.8	8.4
Social Services	11.9	11.5	11.6	11.7	11.6	11.7	11.6	11.9	12.1	12.2	12.2	12.3	12.4
Engineering and Management Services	17.4	17.0	17.1	17.3	17.3	17.3	17.5	17.4	17.4	17.4	17.6	17.6	17.8
Engineering and Architectural Services	4.1	4.0	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.3
Accounting, Auditing, and Bookkeeping	3.9	3.9	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.9	3.9	4.0
Research and Testing Services	6.4	6.3	6.3	6.3	6.3	6.3	6.5	6.5	6.4	6.4	6.4	6.4	6.4
Government	122.7	122.7	123.5	124.1	124.2	124.7	125.3	115.3	114.5	118.5	125.3	126.2	128.0
Federal Government	15.4	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.2	15.4	15.6	15.8
State Government	53.9	54.3	54.6	55.0	54.9	55.0	55.9	50.4	50.0	49.3	54.7	55.4	56.8
State Government Education[e]	22.6	23.4	23.9	24.1	23.9	23.9	24.3	18.5	18.4	18.0	23.5	24.1	25.1
Local Government	53.4	53.0	53.6	53.8	53.9	54.3	54.0	49.5	49.1	54.0	55.2	55.1	55.4
Local Government Education	31.8	32.1	32.7	33.0	32.8	32.9	32.0	27.2	27.0	32.3	33.3	33.3	33.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-5 (1988)

Columbus MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.55	$11.30	$11.43	$11.47	$11.55	$11.58	$11.55	$11.52	$11.54	$11.61	$11.64	$11.66	$11.74
Durable Goods[b]	11.86	11.50	11.70	11.76	11.88	11.95	11.91	11.88	11.86	11.94	11.97	11.96	12.03
Stone, Clay, and Glass Products	11.72	11.63	11.55	11.76	11.68	11.66	11.83	11.88	11.86	11.75	11.63	11.61	11.78
Glass and Glassware, Pressed or Blown	10.85	11.13	10.89	10.93	10.84	10.67	10.78	10.98	10.73	10.95	10.89	10.71	10.70
Fabricated Metal Products	12.48	12.23	12.30	12.27	12.66	12.69	12.67	12.49	12.36	12.40	12.48	12.59	12.62
Industrial Machinery and Equipment	11.23	11.02	11.03	11.02	11.10	11.14	11.12	11.39	11.11	11.45	11.24	11.37	11.75
Electronic and Other Electric Equipment	11.24	11.05	11.10	11.20	11.32	11.39	11.29	11.20	11.24	11.21	11.21	11.27	11.39
Transportation Equipment	13.84	13.20	13.85	13.88	13.99	13.97	13.76	13.68	13.88	13.92	14.11	13.85	13.93
Motor Vehicles and Equipment	13.93	13.19	13.80	13.93	14.07	14.09	13.87	13.76	13.98	14.00	14.32	14.04	14.03
Instruments and Related Products	10.46	10.26	10.37	10.37	10.39	10.40	10.35	10.43	10.42	10.53	10.57	10.74	10.68
Nondurable Goods[c]	11.04	11.00	10.99	11.04	11.06	11.03	10.99	10.94	11.01	11.04	11.04	11.09	11.17
Food and Kindred Products	10.10	10.15	10.18	10.23	10.18	10.15	10.10	10.06	10.25	9.97	9.94	10.05	9.98
Dairy Products	12.45	12.63	12.92	12.64	12.38	12.38	12.35	12.24	12.27	12.05	12.19	12.81	12.54
Printing and Publishing	13.05	12.63	12.67	12.72	12.88	12.99	13.01	13.05	13.09	13.23	13.29	13.44	13.51
Chemicals and Allied Products	13.21	12.97	12.97	13.22	13.19	13.11	12.99	12.83	12.96	13.29	13.56	13.69	13.70
Rubber and Miscellaneous Plastics Products	8.57	8.37	8.36	8.36	8.40	8.55	8.63	8.62	8.65	8.64	8.82	8.67	8.76
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.18	13.98	13.97	14.21	14.26	14.24	14.19	14.24	14.36	14.29	14.18	14.21	14.01
Communications	14.05	13.97	13.97	14.03	14.01	13.94	13.93	14.02	14.34	14.22	14.02	14.19	13.93
Electric, Gas, and Sanitary Services	14.39	14.00	13.96	14.48	14.63	14.69	14.59	14.59	14.38	14.40	14.45	14.25	14.15
Wholesale Trade	9.67	9.46	9.56	9.49	9.54	9.55	9.60	9.69	9.63	9.80	9.92	9.85	9.94
Retail Trade[d]	6.27	6.27	6.21	6.29	6.23	6.28	6.23	6.26	6.18	6.23	6.27	6.34	6.38
General Merchandise Stores	6.60	6.64	6.34	6.53	6.49	6.54	6.53	6.58	6.57	6.77	6.74	6.75	6.71
Food Stores	6.75	6.81	6.85	6.83	6.80	6.80	6.73	6.62	6.63	6.54	6.72	6.86	6.78
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	10.05	9.79	9.77	9.82	9.84	9.93	9.87	10.13	10.02	10.27	10.24	10.40	10.45

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-5 (1988)

Columbus MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	41.5	41.4	41.7	41.3	41.7	41.4	41.5	41.2	40.8	41.4	41.7	41.9	41.9
Durable Goods[b]	41.6	41.4	42.2	41.4	41.9	41.4	41.7	41.2	40.8	41.7	41.8	41.7	41.8
Stone, Clay, and Glass Products	40.6	39.9	40.4	40.8	40.7	40.4	41.0	40.4	40.1	41.1	40.6	41.6	39.9
Glass and Glassware, Pressed or Blown	39.8	39.7	39.2	39.7	39.9	39.1	39.1	39.6	39.3	42.1	40.5	41.2	38.7
Fabricated Metal Products	41.1	40.7	40.7	39.7	41.1	41.2	41.7	40.7	41.0	41.1	41.2	42.1	41.9
Industrial Machinery and Equipment	42.2	43.5	42.9	41.7	42.5	41.0	40.3	43.0	41.9	42.5	41.1	41.9	44.4
Electronic and Other Electric Equipment	40.7	41.6	41.0	40.7	41.1	40.8	40.9	40.9	40.0	40.4	40.4	40.1	39.9
Transportation Equipment	43.4	43.2	45.8	43.9	44.3	44.4	43.0	41.7	41.3	42.7	44.8	42.2	42.7
Motor Vehicles and Equipment	43.0	43.1	45.4	43.7	44.0	44.4	42.7	41.1	40.9	42.3	44.6	41.7	42.3
Instruments and Related Products	39.2	38.6	40.4	40.6	40.3	39.2	39.8	38.8	38.9	38.8	38.8	38.2	38.5
Nondurable Goods[c]	41.3	41.4	41.0	41.2	41.3	41.3	41.1	41.0	41.0	40.8	41.6	42.3	42.0
Food and Kindred Products	41.7	40.6	40.1	41.5	41.7	41.5	41.7	41.9	41.9	41.9	41.8	42.9	42.9
Dairy Products	42.8	44.0	43.9	42.8	40.9	41.1	42.6	43.2	42.6	41.7	41.5	45.4	43.9
Printing and Publishing	38.8	39.3	38.0	38.3	38.4	38.7	38.5	38.8	38.7	39.1	38.7	39.6	39.7
Chemicals and Allied Products	42.2	42.9	42.0	42.4	42.3	41.8	41.2	40.9	41.2	41.2	42.1	43.8	44.7
Rubber and Miscellaneous Plastics Products	42.4	41.8	43.5	42.2	42.7	43.1	42.4	41.8	41.7	41.2	44.5	43.0	41.5
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	41.2	40.7	40.4	41.0	42.1	41.6	41.3	41.7	41.9	41.6	40.9	41.2	40.6
Communications	40.4	40.1	39.8	40.1	40.1	40.3	40.1	40.7	41.4	41.2	40.5	40.8	40.1
Electric, Gas, and Sanitary Services	42.6	41.7	41.5	42.5	45.4	43.7	43.2	43.5	42.8	42.2	41.7	41.9	41.5
Wholesale Trade	38.0	38.2	37.8	37.6	38.0	37.7	37.4	37.8	37.5	33.3	38.3	38.2	38.2
Retail Trade	28.8	28.3	28.2	28.5	28.4	28.1	28.7	29.0	29.4	29.2	28.7	28.8	29.7
General Merchandise Stores	28.6	28.2	27.6	28.0	28.3	28.2	28.8	29.1	28.9	28.8	28.5	28.3	30.5
Food Stores	26.9	25.8	25.5	26.3	26.0	26.3	27.6	27.6	27.6	28.0	27.2	27.7	27.1
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	34.2	34.4	34.3	34.0	34.0	34.1	34.2	34.4	34.5	34.6	34.1	33.7	33.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-5 (1988)

Columbus MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$479.33	$467.82	$476.63	$473.71	$481.64	$479.41	$479.33	$474.62	$470.83	$480.65	$485.39	$488.55	$491.91
Durable Goods[b]	493.38	476.10	493.74	486.86	497.77	494.73	496.65	489.46	483.89	497.90	500.35	498.73	502.85
Stone, Clay, and Glass Products	475.83	464.04	466.62	479.81	475.38	471.06	485.03	479.95	475.59	482.93	472.18	482.98	470.02
Glass and Glassware, Pressed or Blown	431.83	441.86	426.89	433.92	432.52	417.20	421.50	434.81	421.69	461.00	441.05	441.25	414.09
Fabricated Metal Products	512.93	497.76	500.61	487.12	520.33	522.83	528.34	508.34	506.76	509.64	514.18	530.04	528.78
Industrial Machinery and Equipment	473.91	479.37	473.19	459.53	471.75	456.74	448.14	489.77	465.51	486.63	461.96	476.40	521.70
Electronic and Other Electric Equipment	457.47	459.68	455.10	455.84	465.25	464.71	461.76	458.08	449.60	452.88	452.88	451.93	454.46
Transportation Equipment	600.66	570.24	634.33	609.33	619.76	620.27	591.68	570.46	573.24	594.38	632.13	584.47	594.81
Motor Vehicles and Equipment	598.99	568.49	626.52	608.74	619.08	625.60	592.25	565.54	571.78	592.20	638.67	585.47	593.47
Instruments and Related Products	410.03	396.04	418.95	421.02	418.72	407.68	411.93	404.68	405.34	408.56	410.12	410.27	411.18
Nondurable Goods[c]	455.95	455.40	450.59	454.85	456.78	455.54	451.69	448.54	451.41	450.43	459.26	469.11	469.14
Food and Kindred Products	421.17	412.09	408.22	424.55	424.51	421.23	421.17	421.51	429.48	417.74	415.49	431.15	428.14
Dairy Products	532.86	555.72	567.19	540.99	506.34	508.82	526.11	528.77	522.70	502.49	505.89	581.57	550.51
Printing and Publishing	506.34	496.36	481.46	487.18	494.59	502.71	500.89	506.34	506.58	517.29	514.32	532.22	536.35
Chemicals and Allied Products	557.46	556.41	544.74	560.53	557.94	548.00	535.19	524.75	533.95	547.55	570.88	599.62	612.39
Rubber and Miscellaneous Plastics Products	363.37	349.87	363.66	352.79	358.68	368.51	365.91	360.32	360.71	355.97	392.49	372.81	363.54
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	584.22	568.99	564.39	582.61	600.35	592.38	586.05	593.81	601.68	594.46	579.96	585.45	568.81
Communications	567.62	560.20	556.01	562.60	561.80	561.78	558.59	570.61	593.68	585.86	567.81	578.95	558.59
Electric, Gas, and Sanitary Services	613.01	583.80	579.34	615.40	664.20	641.95	630.29	634.67	615.46	607.68	602.57	597.08	587.23
Wholesale Trade	367.46	361.37	361.37	356.82	362.52	360.04	359.04	366.28	361.13	375.34	379.94	376.27	379.71
Retail Trade[d]	180.58	177.44	175.12	179.27	176.93	176.47	178.80	181.54	181.69	181.92	179.95	182.59	189.49
General Merchandise Stores	188.76	187.25	174.98	182.84	183.67	184.43	188.06	191.48	189.87	194.98	192.09	191.03	204.66
Food Stores	181.58	175.70	174.68	179.63	176.80	178.84	185.75	182.71	182.99	183.12	182.78	190.02	183.74
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	......	......	......	......	......	......	......	......	......	......	......	......	......
Depository Institutions	264.85	258.10	260.61	263.21	262.10	265.97	266.92	262.20	266.22	266.68	266.99	270.05	269.19
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	343.71	336.78	335.11	333.88	334.56	338.61	337.55	348.47	345.69	355.34	349.18	350.48	352.17

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-5 (1988)

Columbus MSA

Nonagricultural Wage and Salary Employment, 1979–1987[a]

(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	558.4	560.2	556.9	544.0	548.5	576.4	603.6	630.7	658.0
Goods-Producing Industries[b]	142.1	135.2	129.7	118.3	116.7	125.1	129.0	130.7	131.8
Construction	23.0	21.2	19.2	16.0	16.8	19.2	21.9	24.0	27.0
Manufacturing	117.8	112.6	109.1	101.0	98.7	104.7	106.1	105.8	103.9
Durable Goods[c]	79.2	73.9	71.1	64.9	63.5	69.0	70.4	69.4	67.0
Stone, Clay, and Glass Products	14.4	14.0	13.7	12.8	12.6	12.3	11.8	11.5	10.7
Glass and Glassware, Pressed or Blown	.....	.....	.....	.....	5.6	5.2	4.7	4.4	4.0
Fabricated Metal Products	13.6	12.6	12.8	10.5	10.4	11.2	11.5	10.8	9.8
Industrial Machinery and Equipment	13.6	13.0	12.6	11.2	9.8	11.1	10.7	9.7	9.8
Electronic and Other Electric Equipment	15.0	14.0	12.6	11.6	10.7	11.4	11.3	10.9	10.4
Transportation Equipment	8.2	8.0	8.1	8.8	10.4	12.2	13.6	15.0	14.2
Motor Vehicles and Equipment	.....	.....	.....	.....	5.2	6.3	6.8	7.6	8.7
Instruments and Related Products	.....	.....	.....	.....	3.9	4.1	4.3	4.2	4.2
Nondurable Goods[d]	38.7	38.7	38.0	36.1	35.2	35.7	35.7	36.4	37.0
Food and Kindred Products	11.0	11.2	11.1	10.6	10.3	10.1	9.8	9.9	10.2
Dairy Products	.....	.....	.....	.....	3.7	3.7	3.5	3.5	3.8
Printing and Publishing	8.9	9.2	9.1	8.8	8.9	9.0	9.5	9.7	10.2
Chemicals and Allied Products	7.0	7.2	7.1	7.0	6.9	6.8	6.9	7.0	6.8
Rubber and Miscellaneous Plastics Products	5.5	5.0	5.1	4.5	4.4	5.1	5.1	5.4	5.2
Service-Producing Industries	416.3	425.1	427.1	425.7	431.8	451.3	474.6	500.0	526.2
Transportation and Public Utilities	27.3	26.8	26.3	25.3	24.7	26.1	26.0	26.6	28.2
Transportation	15.6	14.9	13.9	13.0	13.0	14.2	14.6	15.1	16.4
Trucking and Warehousing	.....	.....	.....	.....	9.2	10.4	10.5	10.7	11.8
Communications, Electric, Gas Services	11.7	11.9	12.4	12.3	11.7	11.9	11.4	11.5	11.8
Communications	.....	.....	.....	.....	7.7	7.8	7.3	7.3	7.5
Electric, Gas, and Sanitary Services	.....	.....	.....	.....	4.0	4.0	4.1	4.2	4.3
Wholesale Trade	28.9	28.6	28.6	28.4	29.1	31.3	32.2	32.4	33.9
Wholesale Trade-Durable Goods	.....	.....	.....	.....	18.8	20.3	21.2	21.2	21.8
Wholesale Trade-Nondurable Goods	.....	.....	.....	.....	10.3	11.0	11.1	11.3	12.1
Retail Trade	101.3	101.0	100.9	100.3	102.8	110.0	118.6	125.0	133.3
General Merchandise Stores	17.4	16.8	16.3	15.9	15.3	15.8	16.7	18.3	21.2
Food Stores	13.8	14.5	14.5	14.0	13.7	14.1	15.1	15.3	15.9
Automotive Dealers and Service Stations	11.4	10.3	10.2	10.5	10.6	11.9	12.4	12.9	13.0
Finance, Insurance, and Real Estate	38.3	40.1	41.8	43.5	45.0	46.7	49.4	53.7	57.0
Insurance	.....	.....	.....	.....	.....	.....	.....	.....	.....
Insurance Carriers	16.9	17.6	18.1	18.6	18.8	18.9	19.6	21.3	22.8

See footnotes at end of table.

RS-790-1-5(1979-1987)

Columbus MSA

Nonagricultural Wage and Salary Employment, 1979-1987[a] (continued)

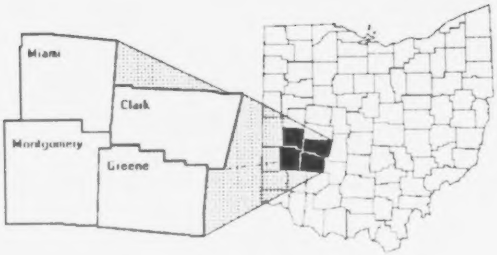
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Services	108.7	113.2	116.2	117.4	119.6	127.5	136.0	145.9	154.4
Health Services	.....	.....	.....	.....	33.2	34.2	36.0	37.9	39.2
Hospitals	.....	.....	.....	.....	15.7	15.7	15.9	16.6	17.6
Educational Services	.....	.....	.....	.....	7.7	8.4	8.1	8.3	8.5
Social Services	.....	.....	.....	.....	7.4	8.1	8.7	9.6	11.3
Government	111.9	115.4	113.4	110.7	110.5	109.8	112.4	116.4	119.4
Federal Government	14.6	14.7	14.5	14.5	14.3	14.6	15.2	15.6	15.7
State Government	48.8	49.8	49.6	48.8	48.8	48.5	49.0	51.0	52.7
State Government Education[e]	19.5	20.1	19.6	19.0	19.7	20.1	20.6	21.6	22.2
Local Government	48.5	50.8	49.3	47.5	47.4	46.7	48.2	49.7	51.0
Local Government Education	26.8	28.2	28.4	27.7	26.8	27.2	28.4	29.2	30.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-5 (1979-1987)

Dayton-Springfield
Metropolitan Statistical Area



In the Dayton-Springfield metropolitan area, the estimated annual average civilian labor force, distributed by place of residence, increased 10,400 from 1988 to 478,600 in 1989. Total employment rose 10,200 over the year. Unemployment, at 24,400, was unchanged from the year-ago level. The unemployment rate dropped from 5.2 percent in 1988 to 5.1 percent in 1989. (See table below.)

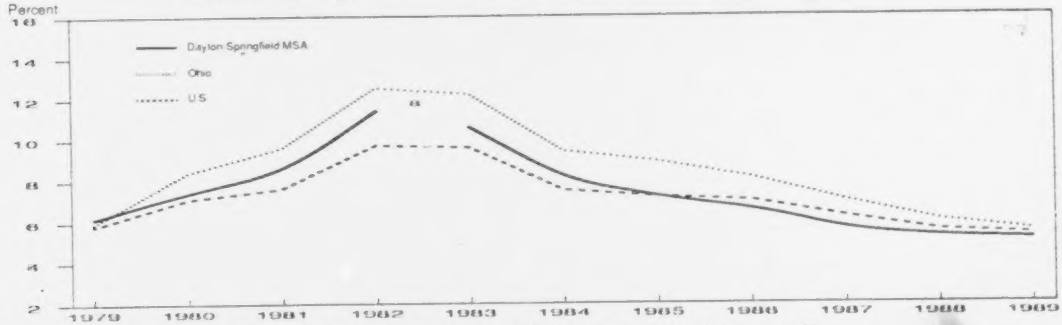
Nonagricultural wage and salary employment rose 2.4 percent, or 10,600, above the 1988 level to 448,300 in 1989. Expansion in the service-producing sector contributed 99.1 percent of the gain, or 10,500 jobs. Leading growth industries were services, especially business services and health services, and government. Noteworthy improvements also occurred in wholesale trade, retail trade, and transportation and public utilities. Employment in finance, insurance, and real estate declined slightly from 1988. The number of workers in goods-producing industries increased 100 from the year-ago level at 122,700 in 1989. Modest gains in construction employment outweighed scattered reductions in manufacturing. Lowered production in rubber and miscellaneous plastics products, industrial machinery and equipment, food and kindred products, and printing and publishing negated improvements in transportation equipment, fabricated metal products, and paper and allied products.

Dayton-Springfield MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

Civilian Labor Force							Nonagricultural Wage and Salary Employment		
	Employment								
		Unemployment							
			Unemployment Rates[b]					Goods–Producing Industries	Service–Producing Industries
			MSA	Ohio	U.S.				
392.2	367.9	24.2	6.2	5.9	5.8	1979	408.8	138.8	270.0
390.2	361.0	29.2	7.5	8.4	7.1	1980	397.1	126.1	271.1
390.8	358.0	32.8	8.4	9.6	7.6	1981	393.2	123.2	269.9
391.8	347.1	44.7	11.4	12.5	9.7	1982	374.3	108.0	266.3
438.5[c]	391.9[c]	46.6[c]	10.6[c]	12.2	9.6	1983	372.3	106.4	265.8
440.1	404.8	35.2	8.0	9.4	7.5	1984	392.7	116.1	276.6
450.4	418.1	32.4	7.2	8.9	7.2	1985	408.9	120.2	288.7
460.5	430.1	30.3	6.6	8.1	7.0	1986	419.4	121.0	298.4
463.8	437.7	26.2	5.6	7.0	6.2	1987	429.8	121.2	308.6
468.2	443.8	24.4	5.2	6.0	5.5	1988	437.7	122.6	315.1
478.6	454.1	24.4	5.1	5.5	5.3	1989	448.3	122.7	325.6

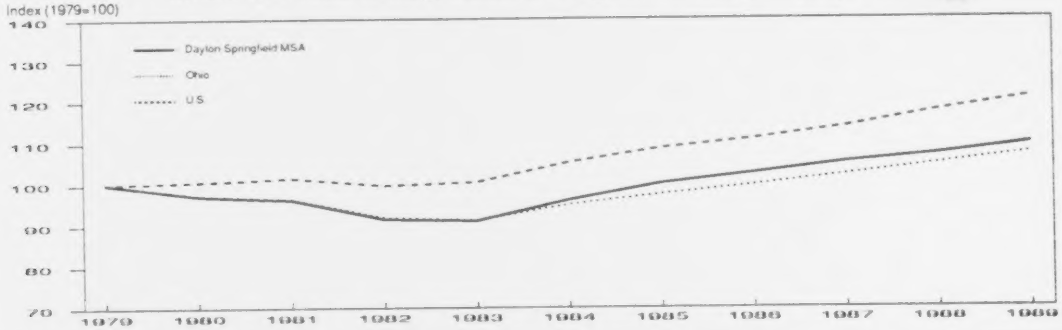
[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.
[c] Data not comparable to previous years due to change in metropolitan area definition.

Dayton-Springfield MSA, Ohio and U.S. Unemployment Rates

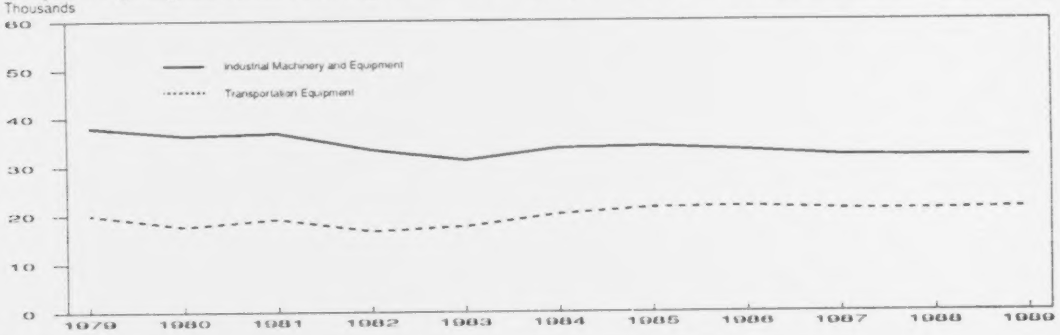


[a]Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

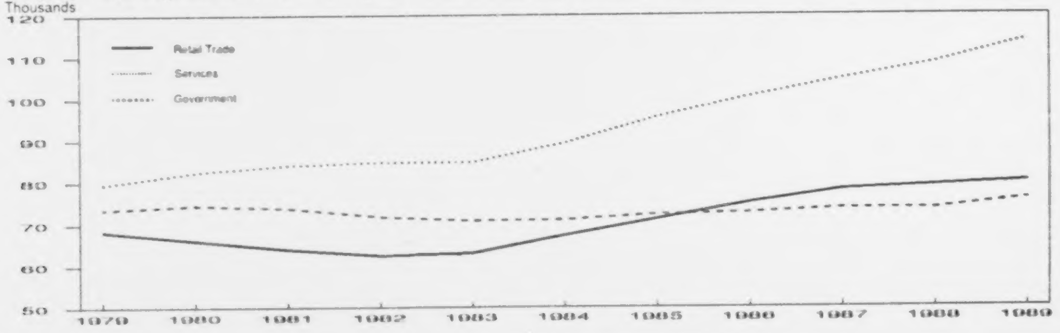
Indexes of Total Nonagricultural Wage and Salary Employment



Dayton-Springfield MSA Nonagricultural Employment (Selected Goods-Producing Industries)



Dayton-Springfield MSA Nonagricultural Employment (Selected Service-Producing Industries)



Dayton-Springfield MSA

Nonagricultural Wage and Salary Employment, 1989[a]
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	448.3	439.2	440.9	444.2	446.8	448.3	449.6	444.9	445.4	454.0	453.3	455.2	458.3
Goods-Producing Industries[b]	122.7	122.0	121.6	122.5	122.1	123.0	124.3	123.8	124.2	124.3	120.9	121.2	122.5
Construction	17.8	16.1	15.8	16.5	17.0	17.7	18.3	18.9	19.0	18.9	18.8	18.4	17.7
Manufacturing	104.5	105.6	105.4	105.6	104.7	104.8	105.6	104.5	104.7	105.0	101.7	102.3	104.3
Durable Goods[c]	74.9	76.0	75.6	75.7	75.2	75.2	75.8	75.1	75.3	75.4	72.1	72.8	74.8
Fabricated Metal Products	8.6	8.5	8.5	8.6	8.6	8.6	8.7	8.8	8.7	8.7	8.3	8.6	8.5
Industrial Machinery and Equipment	31.9	32.3	32.3	32.4	31.9	31.9	32.1	32.0	32.0	31.8	31.3	31.5	31.5
Metalworking Machinery	8.5	8.3	8.4	8.5	8.5	8.6	8.6	8.7	8.7	8.5	8.5	8.5	8.4
General Industrial Machinery	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Electronic and Other Electric Equipment	4.2	4.6	4.5	4.4	4.1	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8
Transportation Equipment	21.3	21.6	21.5	21.4	21.5	21.6	21.8	21.2	21.4	21.8	19.6	19.8	22.3
Motor Vehicles and Equipment	18.2	18.4	18.3	18.3	18.4	18.5	18.6	18.1	18.3	18.7	16.5	16.7	19.1
Nondurable Goods[d]	29.6	29.6	29.8	29.8	29.5	29.6	29.8	29.4	29.5	29.6	29.5	29.5	29.5
Food and Kindred Products	2.8	2.7	2.7	2.7	2.7	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.8
Paper and Allied Products	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.9
Printing and Publishing	9.0	8.9	8.9	9.0	8.8	8.9	9.0	9.0	9.0	9.1	9.1	9.2	9.2
Rubber and Miscellaneous Plastics Products	8.1	8.5	8.4	8.4	8.2	8.2	8.2	7.9	7.9	7.9	7.9	7.8	7.8
Service-Producing Industries	325.6	317.2	319.3	321.6	324.7	325.3	325.4	321.1	321.2	329.7	332.3	334.1	335.8
Transportation and Public Utilities	17.5	16.8	17.0	17.2	17.3	17.3	17.5	17.5	17.7	17.8	17.9	17.9	18.0
Transportation	11.3	10.8	10.9	11.1	11.1	11.1	11.2	11.2	11.3	11.5	11.6	11.6	11.7
Trucking and Warehousing	6.2	5.7	5.8	6.0	6.0	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.6
Communications, Electric, Gas Services	6.2	6.1	6.1	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
Communications	3.5	3.4	3.5	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Wholesale Trade	20.9	20.1	20.3	20.6	20.6	20.8	21.1	21.2	21.1	21.2	21.4	21.3	21.4
Wholesale Trade-Durable Goods	14.7	14.1	14.3	14.4	14.5	14.6	14.8	14.8	14.8	14.9	14.9	14.9	14.9
Wholesale Trade-Nondurable Goods	6.3	6.0	6.1	6.2	6.2	6.2	6.3	6.4	6.3	6.3	6.4	6.4	6.4
Retail Trade	79.9	78.0	77.1	78.2	78.9	79.5	80.0	79.7	80.2	80.6	80.9	81.9	83.5
General Merchandise Stores	11.6	11.7	11.1	11.2	11.2	11.2	11.2	11.2	11.3	11.5	11.7	12.4	13.0
Finance, Insurance, and Real Estate	17.7	17.6	17.5	17.7	17.5	17.7	17.8	18.1	18.1	18.0	17.7	17.6	17.7
Finance	9.7	9.8	9.8	9.9	9.7	9.7	9.8	9.9	9.8	9.7	9.5	9.5	9.6
Depository Institutions	7.5	7.5	7.5	7.5	7.4	7.5	7.5	7.7	7.6	7.5	7.3	7.3	7.3
Insurance	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.4

See footnotes at end of table.

RS-790-1-6 (1989)

Dayton–Springfield MSA

Nonagricultural Wage and Salary Employment, 1989[a] (continued)
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Services	113.8	109.3	111.2	112.4	113.4	112.6	113.7	113.4	113.9	116.1	116.8	116.9	116.3
Business Services	21.9	20.5	20.9	21.1	21.6	22.1	22.2	22.2	22.3	22.4	22.7	22.5	22.6
Personnel Supply Services	6.2	5.6	5.7	5.7	6.0	6.4	6.4	6.4	6.5	6.5	6.6	6.5	6.5
Computer and Data Processing Services	4.9	4.6	4.6	4.7	4.8	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.1
Health Services	38.3	37.2	37.3	37.4	37.9	38.1	38.4	38.7	38.9	39.0	38.9	39.2	39.2
Nursing and Personal Care Facilities	7.1	7.0	7.0	7.0	6.9	7.0	7.0	7.1	7.1	7.2	7.1	7.2	7.2
Hospitals	19.6	19.1	19.1	19.0	19.5	19.6	19.7	19.9	19.9	19.9	19.9	20.1	20.0
Educational Services	8.1	8.2	9.2	9.2	8.9	7.2	6.6	5.8	5.4	8.4	9.4	9.8	9.0
Social Services	5.9	5.7	5.8	5.9	5.7	5.8	5.8	5.9	5.8	6.0	6.0	6.0	6.0
Engineering and Management Services	9.9	9.9	9.9	10.0	9.9	9.9	9.9	9.9	9.9	9.8	9.9	9.8	9.9
Research and Testing Services	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Government	75.8	75.4	76.1	75.6	77.1	77.4	75.3	71.2	70.2	76.0	77.6	78.4	78.9
Federal Government	28.9	27.8	27.8	28.0	28.9	28.9	29.4	29.5	29.7	29.2	29.2	28.9	29.3
State Government	7.2	7.2	7.3	7.3	7.4	7.3	7.4	7.5	6.5	6.5	6.7	7.4	7.4
State Government Education[e]	4.3	4.4	4.4	4.5	4.5	4.4	4.5	4.5	3.5	3.5	3.8	4.5	4.6
Local Government	39.7	40.3	41.0	40.4	40.8	41.2	38.5	34.2	34.0	40.3	41.8	42.1	42.2
Local Government Education	24.8	25.7	26.3	25.7	26.0	26.3	23.2	18.8	18.6	25.4	27.0	27.4	27.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-6 (1989)

Dayton-Springfield MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$12.95	$13.14	$13.01	$13.05	$12.92	$12.92	$12.89	$12.75	$12.72	$12.98	$12.90	$13.01	$13.10
Durable Goods[b]	13.20	13.36	13.21	13.28	13.11	13.14	13.10	12.99	13.01	13.27	13.22	13.32	13.44
Fabricated Metal Products	9.66	9.55	9.60	9.57	9.54	9.67	9.72	9.68	9.63	9.79	9.72	9.74	9.75
Industrial Machinery and Equipment	13.77	13.93	13.71	13.77	13.70	13.85	13.81	13.52	13.66	13.80	13.77	13.86	13.81
Metalworking Machinery	12.97	13.05	12.96	12.85	12.83	12.84	12.97	12.63	12.91	13.06	13.06	13.20	13.25
General Industrial Machinery	11.43	11.57	11.66	11.56	11.31	11.34	11.32	11.24	11.30	11.12	11.20	11.41	11.98
Electronic and Other Electric Equipment	8.73	9.02	8.81	8.76	8.70	8.67	8.74	8.78	8.79	8.64	8.65	8.61	8.58
Transportation Equipment	16.37	16.39	16.30	16.47	16.20	16.21	16.18	16.20	16.09	16.57	16.68	16.65	16.49
Motor Vehicles and Equipment	16.57	16.66	16.52	16.70	16.41	16.38	16.34	16.35	16.25	16.76	16.92	16.87	16.66
Nondurable Goods[c]	12.20	12.48	12.43	12.35	12.38	12.23	12.25	12.03	11.84	12.08	12.01	12.14	12.09
Food and Kindred Products	8.79	9.07	9.23	9.21	8.44	8.64	8.54	8.57	8.53	8.62	8.67	8.99	8.94
Paper and Allied Products	11.20	11.07	10.96	11.25	11.35	11.16	11.22	11.23	11.26	11.17	11.16	11.30	11.23
Printing and Publishing	11.68	11.49	11.79	11.62	11.59	11.54	11.65	11.67	11.70	11.89	11.73	11.69	11.84
Rubber and Miscellaneous Plastics Products	16.18	16.62	16.42	16.43	16.49	16.30	16.41	15.99	15.59	16.11	15.93	15.91	15.67
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	13.88	13.68	13.70	13.63	13.83	13.85	14.04	14.02	14.10	13.96	13.89	13.89	13.90
Communications	13.98	13.67	13.68	13.64	13.82	13.85	14.11	14.15	14.27	14.17	14.14	14.12	14.06
Wholesale Trade	10.06	10.09	10.09	10.10	10.07	10.22	10.25	10.00	9.98	9.95	9.97	10.06	9.93
Retail Trade[d]	5.92	5.72	5.81	5.85	5.86	5.90	5.91	5.98	5.96	6.04	5.98	6.00	6.01
General Merchandise Stores	6.24	6.11	6.14	6.09	6.22	6.28	6.24	6.26	6.26	6.37	6.35	6.15	6.36
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	11.09	10.51	10.61	10.65	10.85	10.88	10.91	11.19	11.24	11.49	11.46	11.62	11.59

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-6 (1989)

Dayton-Springfield MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.9	44.1	43.7	43.3	43.1	43.0	43.1	42.3	41.8	42.8	42.8	42.7	42.1
Durable Goods[b]	43.3	44.4	44.0	43.7	43.3	43.3	43.4	42.7	42.2	43.2	43.4	43.0	42.5
Fabricated Metal Products	41.9	41.9	41.8	41.7	41.4	42.8	43.5	42.5	41.0	42.7	41.4	41.0	41.4
Industrial Machinery and Equipment	44.3	46.4	45.0	45.1	44.8	44.6	44.5	42.9	43.0	43.4	44.4	44.0	43.8
Metalworking Machinery	47.0	47.7	47.3	47.2	48.3	46.5	47.4	44.8	45.8	47.1	47.3	47.4	46.8
General Industrial Machinery	43.8	43.7	43.5	43.8	42.5	45.2	46.0	43.4	43.8	40.7	41.5	43.3	47.5
Electronic and Other Electric Equipment	41.8	41.6	43.3	41.3	41.6	41.3	42.1	42.0	42.2	42.6	40.9	41.1	41.7
Transportation Equipment	43.5	45.0	45.0	44.3	42.7	42.9	42.5	43.3	42.2	43.8	44.3	44.0	42.2
Motor Vehicles and Equipment	43.3	45.1	45.1	44.3	42.5	42.7	42.1	43.1	41.9	43.7	44.3	43.6	41.6
Nondurable Goods[c]	41.9	43.3	42.8	42.2	42.4	41.9	42.3	41.2	40.7	41.8	41.1	41.6	41.0
Food and Kindred Products	41.4	41.7	41.6	41.3	41.1	41.7	40.8	41.6	40.9	40.5	40.8	42.5	42.5
Paper and Allied Products	44.1	45.5	43.7	45.3	45.0	43.1	44.0	43.6	43.7	44.0	43.6	44.0	43.6
Printing and Publishing	40.3	39.6	39.7	40.5	41.4	40.7	40.9	39.8	40.1	40.9	40.1	40.5	39.9
Rubber and Miscellaneous Plastics Products	41.4	44.9	43.8	41.5	42.6	42.2	42.3	40.3	38.9	40.8	39.6	40.1	38.7
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.8	39.7	39.6	39.4	40.3	40.7	41.4	41.6	41.8	41.7	41.1	41.2	40.9
Communications	40.6	40.2	39.8	39.4	39.8	40.4	41.4	41.5	41.7	42.0	40.6	41.0	40.1
Wholesale Trade	39.8	40.2	40.0	39.4	39.4	39.6	39.8	40.1	39.9	40.1	40.0	39.5	39.5
Retail Trade	28.3	28.0	27.9	28.1	28.2	28.1	28.2	28.6	28.6	28.2	28.4	28.3	28.8
General Merchandise Stores	28.0	27.8	27.7	27.9	27.9	28.0	27.9	28.2	27.9	27.7	27.7	26.8	30.7
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	34.5	34.3	34.2	34.5	34.3	33.9	34.0	34.2	34.4	34.3	35.3	35.1	35.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous-manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-6 (1989)

Dayton-Springfield MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$555.56	$579.47	$568.54	$565.07	$556.85	$555.56	$555.56	$539.33	$531.70	$555.54	$552.12	$555.53	$551.51
Durable Goods[b]	571.56	593.18	581.24	580.34	567.66	568.96	568.54	554.67	549.02	573.26	573.75	572.76	571.20
Fabricated Metal Products	404.75	400.15	401.28	399.07	394.96	413.88	422.82	411.40	394.83	418.03	402.41	399.34	403.65
Industrial Machinery and Equipment	610.01	646.35	616.95	621.03	613.76	617.71	614.55	580.01	587.38	598.92	611.39	609.84	604.88
Metalworking Machinery	609.59	622.49	613.01	606.52	619.69	597.06	614.78	565.82	591.28	615.13	617.74	625.68	620.10
General Industrial Machinery	500.63	505.61	507.21	506.33	480.68	512.57	520.72	487.82	494.94	452.58	464.80	494.05	569.05
Electronic and Other Electric Equipment	364.91	375.23	381.47	361.79	361.92	358.07	367.95	368.76	370.94	368.06	353.79	353.87	357.79
Transportation Equipment	712.10	737.55	733.50	729.62	691.74	695.41	687.65	701.46	679.00	725.77	738.92	732.60	695.88
Motor Vehicles and Equipment	717.48	751.37	745.05	739.81	697.43	699.43	687.91	704.69	680.88	732.41	749.56	735.53	693.06
Nondurable Goods[c]	511.18	540.38	532.00	521.17	524.91	512.44	518.18	495.64	481.89	504.94	493.61	505.02	495.69
Food and Kindred Products	363.91	378.22	383.97	380.37	346.88	360.29	348.43	356.51	348.88	349.11	353.74	382.08	379.95
Paper and Allied Products	493.92	503.69	478.95	509.63	510.75	481.00	493.68	489.63	492.06	491.48	486.58	497.20	489.63
Printing and Publishing	470.70	455.00	468.06	470.61	479.83	469.68	476.49	464.47	469.17	486.30	470.37	473.45	472.42
Rubber and Miscellaneous Plastics Products	669.85	746.24	719.20	681.85	702.47	687.86	694.14	644.40	606.45	657.29	630.83	637.99	606.43
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	566.30	543.10	542.52	537.02	557.35	563.70	581.26	583.23	589.38	582.13	570.88	572.27	568.51
Communications	567.59	549.53	544.46	537.42	550.04	559.54	584.15	587.23	595.06	595.14	574.08	578.92	563.81
Wholesale Trade	400.39	405.62	403.60	397.94	396.76	404.71	407.95	401.00	398.20	399.00	398.80	397.37	392.24
Retail Trade[d]	167.54	160.16	162.10	164.39	165.25	165.79	166.66	171.03	170.46	170.33	169.83	169.80	173.09
General Merchandise Stores	174.72	169.86	170.08	169.91	173.54	175.84	174.10	176.53	174.65	176.45	175.90	164.82	195.25
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	......	......	......	......	......	......	......	......	......	......	......	......	......
Depository Institutions	264.63	256.13	254.13	257.86	262.03	258.21	260.20	261.33	267.60	266.30	274.17	274.54	281.64
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	382.61	360.49	362.86	367.43	372.16	368.83	370.94	382.70	386.66	394.11	404.54	407.86	407.97

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
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Dayton-Springfield MSA

Nonagricultural Wage and Salary Employment, 1988[a]
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	437.7	426.5	426.0	429.8	436.5	437.9	441.3	435.7	435.4	443.6	444.5	446.2	449.0
Goods-Producing Industries[b]	122.6	118.5	117.6	119.5	121.6	122.8	124.4	124.9	124.1	124.8	124.5	124.5	124.2
Construction	17.2	14.8	14.2	15.2	16.7	17.6	18.4	18.6	18.7	18.4	18.3	18.0	17.6
Manufacturing	105.0	103.4	103.0	103.9	104.5	104.8	105.6	105.7	105.0	106.0	105.7	106.1	106.1
Durable Goods[c]	74.9	73.6	73.3	74.1	74.6	74.8	75.4	75.6	74.6	75.5	75.6	76.0	76.1
Fabricated Metal Products	8.5	8.4	8.3	8.4	8.3	8.4	8.5	8.6	8.7	8.6	8.8	8.7	8.7
Industrial Machinery and Equipment	32.0	31.6	31.5	31.8	31.9	32.2	32.4	32.4	31.7	32.0	32.0	32.3	32.7
Metalworking Machinery	8.3	8.4	8.3	8.4	8.2	8.2	8.3	8.3	8.2	8.2	8.2	8.2	8.5
General Industrial Machinery	2.8	2.5	2.5	2.5	2.6	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1
Electronic and Other Electric Equipment	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.2	4.3	4.4	4.4	4.4	4.3
Transportation Equipment	21.0	20.6	20.4	20.7	21.1	21.0	21.3	21.2	20.7	21.3	21.2	21.3	21.3
Motor Vehicles and Equipment	18.0	17.8	17.6	17.8	18.2	18.1	18.3	18.2	17.7	18.2	18.1	18.3	18.3
Nondurable Goods[d]	30.0	29.8	29.6	29.8	29.8	30.0	30.2	30.2	30.3	30.5	30.2	30.1	30.0
Food and Kindred Products	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.8	3.0	3.0	2.8	2.8	2.7
Paper and Allied Products	5.9	6.0	5.9	5.9	5.9	5.9	6.0	6.0	5.9	5.9	6.0	6.0	6.1
Printing and Publishing	9.1	9.0	8.9	9.0	8.9	9.0	9.1	9.3	9.3	9.3	9.2	9.1	9.1
Rubber and Miscellaneous Plastics Products	8.3	8.3	8.2	8.2	8.2	8.2	8.3	8.2	8.2	8.4	8.5	8.5	8.5
Service-Producing Industries	315.1	308.1	308.5	310.4	314.9	315.1	316.9	310.9	311.3	318.8	320.0	321.7	324.8
Transportation and Public Utilities	16.8	16.3	16.4	16.4	16.6	16.7	17.0	17.0	17.0	16.8	17.0	17.1	17.3
Transportation	11.0	10.6	10.6	10.7	10.9	11.0	11.2	11.2	11.2	11.0	11.1	11.1	11.2
Trucking and Warehousing	6.1	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.2	6.0	6.1	6.1	6.2
Communications, Electric, Gas Services	5.8	5.7	5.7	5.7	5.7	5.8	5.9	5.8	5.8	5.7	5.9	6.0	6.1
Communications	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.4	3.4
Wholesale Trade	19.7	19.2	19.2	19.4	19.7	19.8	19.9	19.8	19.7	19.8	19.9	20.0	20.3
Wholesale Trade-Durable Goods	13.8	13.4	13.4	13.5	13.8	13.8	14.0	13.8	13.8	13.9	13.9	14.0	14.2
Wholesale Trade-Nondurable Goods	5.9	5.9	5.8	5.9	5.9	6.0	5.9	6.0	5.9	5.9	6.0	6.0	6.1
Retail Trade	79.0	77.2	76.2	76.9	78.9	79.7	79.9	79.4	79.8	79.6	79.0	79.5	81.5
General Merchandise Stores	11.7	12.0	11.4	11.4	11.5	11.5	11.2	11.4	11.6	11.8	11.7	12.2	13.0
Finance, Insurance, and Real Estate	17.9	17.7	17.7	17.8	17.8	18.0	18.3	18.2	18.1	18.0	17.7	17.7	17.7
Finance	10.0	10.0	10.0	10.0	9.9	10.0	10.1	10.0	10.0	10.0	9.8	9.8	9.9
Depository Institutions	7.1	6.8	6.8	6.9	6.9	7.0	7.2	7.2	7.3	7.4	7.3	7.4	7.5
Insurance	4.4	4.4	4.3	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3

See footnotes at end of table.

RS-790-1-6 (1988)

Dayton–Springfield MSA

Nonagricultural Wage and Salary Employment, 1988[a] (continued)
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Services	108.4	103.6	105.0	105.3	107.8	106.3	108.9	108.2	109.2	111.3	111.4	111.6	112.2
Business Services	20.2	18.4	18.7	18.7	19.1	19.6	20.2	20.6	21.2	21.1	21.4	21.5	21.6
Personnel Supply Services	5.8	4.3	4.5	4.6	5.0	5.4	5.8	6.2	6.7	6.6	6.9	7.1	7.1
Computer and Data Processing Services	4.4	4.4	4.3	4.4	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.5	4.5
Health Services	36.9	36.2	36.2	36.3	36.4	36.7	36.9	37.3	37.5	37.6	37.1	37.2	37.4
Nursing and Personal Care Facilities	7.1	7.0	6.9	6.9	6.9	7.0	7.1	7.1	7.1	7.2	7.1	7.2	7.2
Hospitals	19.1	18.9	18.9	19.0	19.0	19.1	19.0	19.4	19.4	19.3	18.9	18.9	19.0
Educational Services	8.0	8.4	9.0	9.0	8.7	7.1	6.9	5.9	5.5	8.3	9.1	9.3	9.0
Social Services	5.5	5.3	5.3	5.3	5.4	5.4	5.4	5.4	5.4	5.6	5.6	5.6	5.7
Engineering and Management Services	9.8	9.4	9.5	9.5	10.3	9.4	10.4	9.8	9.7	9.7	9.7	9.7	9.9
Research and Testing Services	3.3	3.2	3.2	3.2	3.2	3.3	3.3	3.4	3.4	3.3	3.3	3.2	3.3
Government	73.3	74.1	74.0	74.6	74.0	74.6	72.9	68.4	67.5	73.3	75.0	75.9	75.9
Federal Government	27.5	27.6	27.5	27.6	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.7	27.9
State Government	7.0	7.3	7.0	7.3	7.3	7.3	7.3	6.6	6.5	6.4	6.8	7.2	7.3
State Government Education[e]	4.1	4.4	4.1	4.4	4.4	4.4	4.4	3.6	3.5	3.5	3.9	4.4	4.5
Local Government	38.8	39.2	39.4	39.7	39.4	39.9	38.2	34.3	33.6	39.6	40.7	41.0	40.7
Local Government Education	24.1	24.8	25.0	25.2	24.9	25.2	23.1	19.1	18.6	24.7	25.9	26.3	26.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-6 (1988)

Dayton-Springield MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$12.63	$12.06	$12.23	$12.52	$12.66	$12.65	$12.75	$12.43	$12.42	$12.71	$12.99	$13.06	$12.99
Durable Goods[b]	12.81	12.19	12.41	12.76	12.84	12.79	12.91	12.57	12.56	12.85	13.21	13.27	13.16
Fabricated Metal Products	9.39	9.31	9.28	9.41	9.34	9.38	9.46	9.33	9.33	9.36	9.40	9.48	9.60
Industrial Machinery and Equipment	13.34	12.90	13.00	13.29	13.40	13.47	13.55	13.20	13.12	13.36	13.60	13.57	13.46
Metalworking Machinery	12.51	12.44	12.47	12.40	12.33	12.36	12.48	12.33	12.50	12.60	12.67	12.71	12.84
General Industrial Machinery	11.06	10.64	10.71	10.73	10.74	10.91	10.66	11.07	11.11	11.22	11.15	11.67	11.92
Electronic and Other Electric Equipment	8.71	8.51	8.51	8.61	8.74	8.86	8.84	8.75	8.65	8.73	8.74	8.79	8.79
Transportation Equipment	15.80	14.81	15.26	15.62	15.85	15.59	15.81	15.33	15.57	15.88	16.52	16.62	16.42
Motor Vehicles and Equipment	16.14	15.13	15.57	15.98	16.27	15.96	16.18	15.64	15.90	16.20	16.86	16.96	16.67
Nondurable Goods[c]	12.14	11.64	11.75	11.84	12.15	12.28	12.31	12.06	12.01	12.33	12.32	12.45	12.49
Food and Kindred Products	8.64	8.44	8.67	8.56	8.61	8.55	8.39	8.50	8.57	8.52	8.69	8.90	9.09
Paper and Allied Products	11.18	11.08	11.02	11.14	11.19	11.32	11.52	11.20	10.97	11.17	10.99	11.15	11.38
Printing and Publishing	11.27	10.86	11.00	11.07	11.16	11.21	11.35	11.31	11.42	11.60	11.41	11.38	11.49
Rubber and Miscellaneous Plastics Products	15.76	14.76	14.86	14.97	15.64	15.93	15.95	15.52	15.72	16.34	16.39	16.53	16.48
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	13.60	13.45	13.47	13.92	13.35	13.39	13.41	13.53	13.69	13.68	13.68	13.93	13.71
Communications	13.56	13.40	13.47	13.41	13.38	13.33	13.47	13.53	13.85	13.77	13.62	13.86	13.65
Wholesale Trade	10.28	10.31	10.47	10.39	10.38	10.33	10.23	10.16	10.23	10.27	10.21	10.16	10.17
Retail Trade[d]	5.68	5.79	5.67	5.75	5.75	5.66	5.64	5.65	5.60	5.65	5.61	5.67	5.76
General Merchandise Stores	6.23	6.41	5.97	6.32	6.25	6.23	6.19	6.26	6.15	6.28	6.26	6.15	6.25
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health Services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	10.59	10.72	10.66	10.64	10.64	10.57	10.67	10.63	10.59	10.53	10.48	10.43	10.51

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-6 (1988)

Dayton-Springfield MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.4	42.2	42.4	43.2	43.3	43.7	44.0	42.4	42.2	43.6	44.3	44.6	44.4
Durable Goods[b]	43.6	42.2	42.4	43.4	43.3	43.8	44.3	42.6	42.5	43.8	44.8	45.2	44.5
Fabricated Metal Products	41.7	43.3	42.6	42.1	41.4	41.9	42.1	41.4	41.1	40.6	39.8	41.3	43.1
Industrial Machinery and Equipment	44.4	43.0	42.8	43.8	44.0	44.6	45.1	43.3	43.6	45.0	45.9	46.0	45.3
Metalworking Machinery	46.1	45.3	45.9	45.6	44.3	44.2	46.2	45.3	46.7	47.5	47.5	47.2	48.0
General Industrial Machinery	43.3	41.0	41.0	42.2	42.0	43.8	42.4	44.4	43.8	45.1	42.9	44.0	47.3
Electronic and Other Electric Equipment	42.4	43.6	42.2	42.3	42.0	41.7	41.7	41.3	42.0	42.3	42.8	43.6	43.4
Transportation Equipment	44.2	41.1	42.4	44.4	44.2	44.4	45.4	42.8	42.1	44.1	46.8	47.3	45.6
Motor Vehicles and Equipment	44.4	40.9	42.4	44.8	44.6	44.7	45.8	42.8	41.8	44.4	47.2	47.7	45.8
Nondurable Goods[c]	42.9	42.2	42.7	42.8	43.2	43.5	43.2	42.0	41.5	43.2	43.0	42.9	44.1
Food and Kindred Products	41.0	40.8	40.5	39.3	37.9	40.8	40.4	42.0	42.1	41.7	41.3	42.3	42.5
Paper and Allied Products	45.4	46.3	46.8	46.2	46.4	46.5	46.9	43.7	41.8	45.6	43.5	44.2	47.6
Printing and Publishing	39.9	38.8	38.7	40.0	40.7	40.3	40.2	39.4	40.3	39.8	41.5	39.4	40.1
Rubber and Miscellaneous Plastics Products	43.7	41.5	43.3	43.2	44.6	44.9	43.8	42.0	42.3	44.2	44.9	44.8	45.0
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	40.3	40.0	39.7	41.1	39.7	40.0	40.1	40.7	40.5	40.5	40.4	40.6	40.0
Communications	39.7	39.4	39.0	39.2	39.2	39.3	39.5	39.9	40.5	40.5	40.0	40.2	40.0
Wholesale Trade	40.2	39.9	40.2	40.3	39.7	39.9	40.6	40.2	40.0	39.9	40.1	40.2	40.5
Retail Trade	28.2	26.9	27.3	27.7	27.9	28.2	28.5	28.7	28.6	28.3	28.5	28.1	29.4
General Merchandise Stores	27.4	26.4	25.4	26.5	27.1	27.6	27.8	27.7	27.4	27.3	27.5	26.9	30.8
Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Health Services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	34.3	34.7	34.8	34.5	34.7	34.6	34.4	34.2	34.3	33.8	33.8	34.2	34.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-6 (1988)

Dayton-Springfield MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$548.14	$508.93	$518.55	$540.86	$548.18	$552.81	$561.00	$527.03	$524.12	$554.16	$575.46	$582.48	$576.76
Durable Goods[b]	558.52	514.42	526.18	553.78	555.97	560.20	571.91	535.48	533.80	562.83	591.81	599.80	585.62
Fabricated Metal Products	391.56	403.12	395.33	396.16	386.68	393.02	398.27	386.26	383.46	380.02	374.12	391.52	413.76
Industrial Machinery and Equipment	592.30	554.70	556.40	582.10	589.60	600.76	611.11	571.56	572.03	601.20	624.24	624.22	609.74
Metalworking Machinery	576.71	563.53	572.37	565.44	546.22	546.31	576.58	558.55	583.75	598.50	601.83	599.91	616.32
General Industrial Machinery	478.90	436.24	439.11	452.81	451.08	477.86	451.98	491.51	486.62	506.02	478.34	513.48	563.82
Electronic and Other Electric Equipment	369.30	371.04	359.12	364.20	367.08	369.46	368.63	361.38	363.30	369.28	374.07	383.24	381.49
Transportation Equipment	698.36	608.69	647.02	693.53	700.57	692.20	717.77	656.12	655.50	700.31	773.14	786.13	748.75
Motor Vehicles and Equipment	716.62	618.82	660.17	715.90	725.64	713.41	741.04	669.39	664.62	719.28	795.79	808.99	763.49
Nondurable Goods[c]	520.81	491.21	501.73	506.75	524.88	534.18	531.79	506.52	498.42	532.66	529.76	534.11	550.81
Food and Kindred Products	354.24	344.35	351.14	336.41	326.32	348.84	338.96	357.00	360.80	355.28	358.90	376.47	386.33
Paper and Allied Products	507.57	513.00	515.74	514.67	519.22	526.38	540.29	489.44	458.55	509.35	478.07	492.83	541.69
Printing and Publishing	449.67	421.37	425.70	442.80	454.21	451.76	456.27	445.61	460.23	461.68	473.52	448.37	460.75
Rubber and Miscellaneous Plastics Products	688.71	612.54	643.44	646.70	697.54	715.26	698.61	651.84	664.96	722.23	735.91	740.54	741.60
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	548.08	538.00	534.76	572.11	530.00	535.60	537.74	550.67	554.45	554.04	552.67	565.56	548.40
Communications	538.33	527.96	525.33	525.67	524.50	523.87	532.07	539.85	560.93	557.69	544.80	557.17	546.00
Wholesale Trade	413.26	411.37	420.89	418.72	412.09	412.17	415.34	408.43	409.20	409.77	409.42	408.43	411.89
Retail Trade[d]	160.18	155.75	154.79	159.28	160.43	159.61	160.74	162.16	160.16	159.90	159.89	159.33	169.34
General Merchandise Stores	170.70	169.22	151.64	167.48	169.38	171.95	172.08	173.40	168.51	171.44	172.15	165.44	192.50
Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Health Services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	363.24	371.98	370.97	367.08	369.21	365.72	367.05	363.55	363.24	355.91	354.22	356.71	359.44

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

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Dayton-Springfield MSA

Nonagricultural Wage and Salary Employment, 1979-1987[a]
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	408.8	397.1	393.2	374.3	372.3	392.7	408.9	419.4	429.8
Goods-Producing Industries[b]	138.8	126.1	123.2	108.0	106.4	116.1	120.2	121.0	121.2
Construction	15.8	14.7	13.0	10.4	10.6	12.1	13.5	14.8	16.4
Manufacturing	122.5	110.9	109.9	97.3	95.5	103.7	106.3	105.7	104.3
Durable Goods[c]	85.8	77.0	78.1	69.6	68.4	74.9	76.8	76.1	74.8
Fabricated Metal Products	8.3	7.8	7.9	7.3	7.3	8.0	8.5	8.4	8.4
Industrial Machinery and Equipment	38.1	36.3	36.8	33.4	31.3	33.6	34.0	33.2	32.1
General Industrial Machinery	.....	.....	.....	.....	2.8	2.8	2.7	2.4	2.4
Transportation Equipment	20.1	17.7	19.2	16.7	17.7	20.1	21.4	21.6	21.0
Motor Vehicles and Equipment	.....	.....	.....	.....	15.1	17.5	18.6	18.5	18.1
Nondurable Goods[d]	36.7	34.0	31.8	27.7	27.1	28.8	29.5	29.6	29.6
Food and Kindred Products	3.9	3.9	3.3	3.0	2.8	3.0	3.0	2.8	2.9
Paper and Allied Products	5.7	5.7	5.8	5.3	5.1	5.6	5.7	5.8	5.9
Printing and Publishing	10.2	10.0	9.7	8.1	7.7	8.0	8.3	8.4	8.7
Rubber and Miscellaneous Plastics Products	12.6	10.3	9.4	7.8	8.0	8.6	8.7	8.8	8.4
Service-Producing Industries	270.0	271.1	269.9	266.3	265.8	276.6	288.7	298.4	308.6
Transportation and Public Utilities	16.3	15.6	14.8	14.4	13.9	14.7	14.5	14.9	15.8
Transportation	9.1	8.2	7.3	7.1	7.3	8.2	8.4	9.0	10.1
Trucking and Warehousing	.....	.....	.....	.....	4.4	4.9	4.9	5.0	5.7
Communications, Electric, Gas Services	7.2	7.4	7.5	7.3	6.6	6.5	6.1	5.8	5.7
Communications	.....	.....	.....	.....	4.1	4.1	3.6	3.4	3.3
Wholesale Trade	16.8	16.9	17.7	17.5	17.6	18.5	19.1	18.8	18.9
Wholesale Trade-Durable Goods	.....	.....	.....	.....	12.2	12.9	13.0	12.7	12.8
Wholesale Trade-Nondurable Goods	.....	.....	.....	.....	5.4	5.6	6.0	6.1	6.1
Retail Trade	68.3	66.1	64.0	62.4	63.0	67.2	71.0	74.9	78.0
General Merchandise Stores	.....	.....	.....	.....	11.3	11.5	11.7	11.8	12.0
Finance, Insurance, and Real Estate	15.6	15.6	15.7	15.6	15.8	16.1	16.6	17.2	17.9
Services	79.5	82.3	84.1	84.8	84.7	89.2	95.4	100.2	104.5
Health Services	.....	.....	.....	.....	32.6	33.2	34.0	34.6	35.9
Hospitals	.....	.....	.....	.....	18.7	18.3	18.2	18.1	18.7
Educational Services	.....	.....	.....	.....	6.1	6.5	6.9	7.1	7.5
Social Services	.....	.....	.....	.....	3.5	3.8	4.1	4.5	5.2

See footnotes at end of table.

RS-790-1-6(1979-1987)

Dayton-Springfield MSA

Nonagricultural Wage and Salary Employment, 1979-1987[a] (continued)

(in thousands)

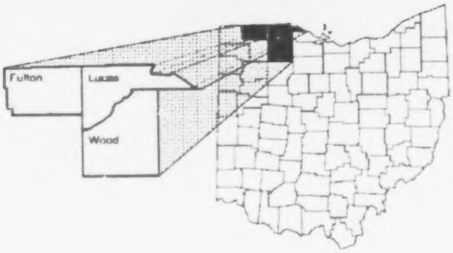
Page 2

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Government	73.6	74.6	73.8	71.7	70.8	70.9	72.1	72.6	73.5
Federal Government	26.0	26.4	26.4	26.6	26.5	26.5	27.7	28.0	27.9
State Government	5.8	6.0	6.0	6.0	6.0	6.2	6.4	6.7	7.0
State Government Education[e]	.....	.....	.....	.....	3.5	3.6	3.8	4.0	4.2
Local Government	41.7	42.2	41.5	39.1	38.2	38.2	38.0	37.9	38.6
Local Government Education	26.4	26.5	26.1	24.7	23.3	23.5	23.4	23.3	23.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-6 (1979-1987)

Toledo
Metropolitan Statistical Area



The estimated annual average civilian labor force in the Toledo metropolitan area, distributed by place of residence, increased 6,900 from 1988 to 317,900 in 1989. Total employment rose 6,300 over the year, while unemployment went up 700 to 18,900. The unemployment rate was unchanged from the 1988 level at 5.9 percent in 1989. (See table below.)

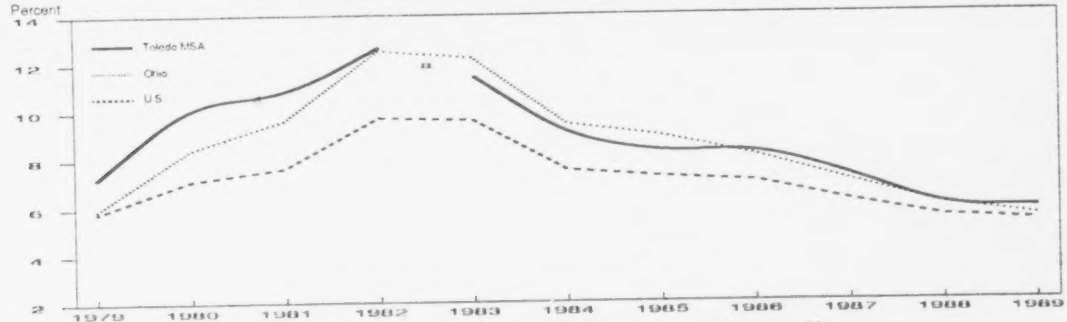
Nonagricultural wage and salary employment advanced 7,100 above the 1988 level to 293,700 in 1989, a growth rate of 2.5 percent. The number of jobs in service-producing industries, at 219,900, rose 7,300. Noteworthy expansion occurred in services (+3,000), retail trade (+1,900), and government (+1,000). Modest gains were posted in transportation and public utilities and in wholesale trade. Employment in goods-producing industries declined 200 over the year to 73,800. Production cutbacks among manufacturers of durable goods outweighed growth in construction. Reductions in transportation equipment, fabricated metal products, and food and kindred products negated an increase in rubber and miscellaneous plastics products.

Toledo MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
[Employed and Unemployed in Thousands]

Civilian Labor Force							Nonagricultural Wage and Salary Employment		
	Employment								
		Unemployment						Goods–Producing Industries	Service–Producing Industries
			Unemployment Rates[b]						
			MSA	Ohio	U.S.				
368.2	341.7	26.4	7.2	5.9	5.8	1979	268.2	88.0	180.2
368.2	329.8	38.4	10.4	8.4	7.1	1980	257.0	77.1	179.9
367.4	328.0	39.4	10.7	9.6	7.6	1981	254.2	75.6	178.7
369.4	323.0	46.4	12.6	12.5	9.7	1982	244.4	67.8	176.6
289.2[c]	256.1[c]	33.1[c]	11.4[c]	12.2	9.6	1983	245.3	67.1	178.2
293.5	267.3	26.2	8.9	9.4	7.5	1984	257.0	72.9	184.0
296.5	272.3	24.3	8.2	8.9	7.2	1985	264.5	74.5	190.1
307.1	281.2	25.8	8.4	8.1	7.0	1986	272.0	73.1	198.9
307.6	285.1	22.5	7.3	7.0	6.2	1987	278.0	72.5	205.5
311.0	292.7	18.2	5.9	6.0	5.5	1988	286.6	74.0	212.6
317.9	299.0	18.9	5.9	5.5	5.3	1989	293.7	73.8	219.9

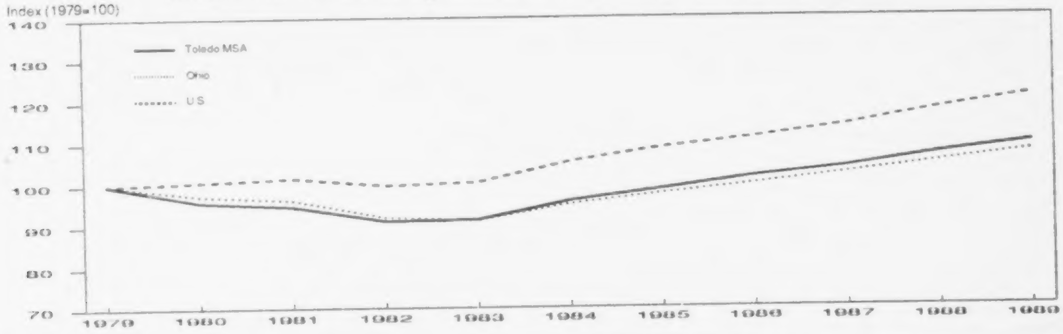
[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.
[c] Data not comparable to previous years due to change in metropolitan area definition.

Toledo MSA, Ohio and U.S. Unemployment Rates

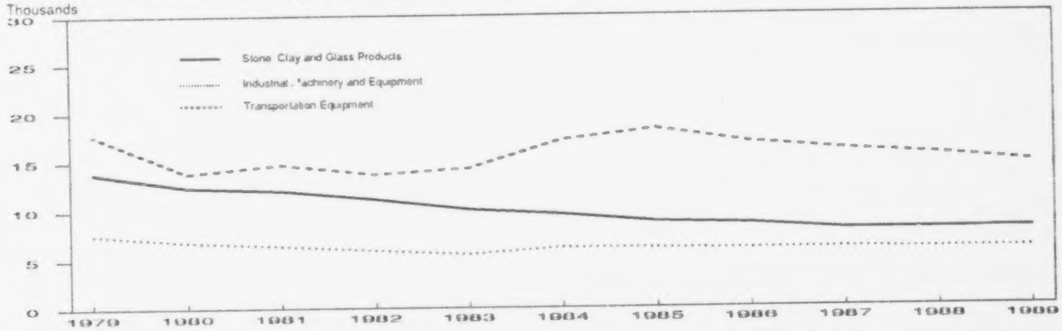


[a]Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

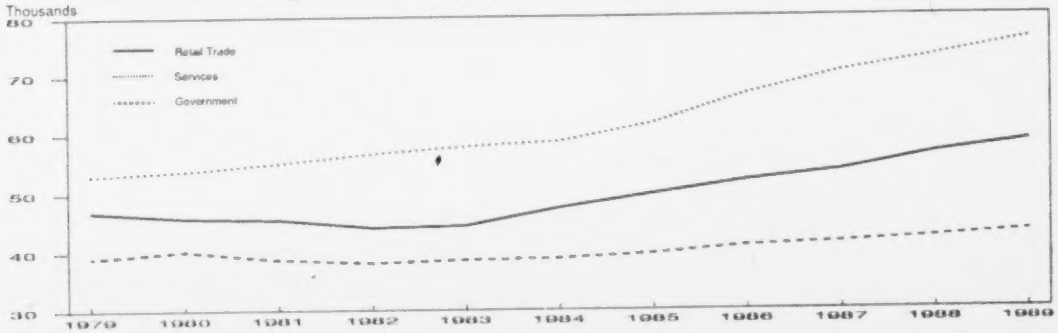
Indexes of Total Nonagricultural Wage and Salary Employment



Toledo MSA Nonagricultural Employment (Selected Goods–Producing Industries)



Toledo MSA Nonagricultural Employment (Selected Service–Producing Industries)



Toledo MSA

Nonagricultural Wage and Salary Employment, 1989[a]

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	293.7	288.1	287.7	290.7	293.0	295.8	294.0	289.8	290.1	296.6	298.1	299.3	300.7
Goods-Producing Industries[b]	73.8	72.9	72.6	73.4	74.2	74.7	74.5	74.0	74.7	74.5	73.6	73.4	73.0
Construction	11.9	10.1	10.0	10.6	11.4	11.9	12.2	12.6	12.7	12.9	13.3	12.9	12.3
Manufacturing	61.6	62.6	62.4	62.7	62.6	62.5	62.1	61.2	61.6	61.3	60.1	60.3	60.4
Durable Goods[c]	45.9	46.9	46.9	47.2	46.9	46.7	46.2	45.4	45.6	45.1	44.4	44.6	44.7
Stone, Clay, and Glass Products	8.0	8.1	8.1	8.1	7.9	7.9	8.0	7.9	8.0	8.0	8.0	8.0	7.9
Primary Metal Industries	3.5	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.4	3.5	3.5	3.3
Fabricated Metal Products	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.0	7.1	7.1	6.9	6.9	6.9
Metal Forgings and Stampings	2.8	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.6	2.6	2.6
Industrial Machinery and Equipment	6.0	6.2	6.2	6.4	6.2	6.1	6.2	5.9	5.9	5.8	5.7	5.7	5.7
Transportation Equipment	14.7	15.3	15.3	15.3	15.7	15.5	14.7	14.4	14.6	14.1	13.9	13.9	14.2
Nondurable Goods[d]	15.8	15.7	15.5	15.5	15.6	15.8	15.9	15.8	16.0	16.2	15.6	15.7	15.8
Food and Kindred Products	4.0	4.0	3.8	3.7	3.9	4.0	4.0	4.0	4.1	4.3	3.8	3.9	3.9
Rubber and Miscellaneous Plastics Products	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.1	4.3	4.3	4.3	4.3	4.2
Service-Producing Industries	219.9	215.2	215.1	217.3	218.8	221.1	219.4	215.8	215.4	222.1	224.4	225.9	227.7
Transportation and Public Utilities	14.3	13.6	13.6	13.7	13.8	14.1	14.3	14.4	14.6	14.6	14.5	14.7	15.2
Transportation	9.4	8.8	8.8	8.9	9.0	9.2	9.4	9.4	9.6	9.6	9.6	9.7	10.2
Communications, Electric, Gas Services	4.9	4.8	4.8	4.8	4.8	4.9	4.9	5.0	5.0	5.0	4.9	4.9	4.9
Wholesale Trade	15.8	15.3	15.3	15.5	15.7	15.7	15.9	16.0	15.9	16.0	16.1	16.0	15.9
Wholesale Trade-Durable Goods	10.5	10.3	10.2	10.4	10.4	10.4	10.5	10.6	10.5	10.6	10.6	10.6	10.5
Wholesale Trade-Nondurable Goods	5.3	5.1	5.1	5.1	5.3	5.3	5.4	5.4	5.4	5.4	5.5	5.4	5.4
Retail Trade	58.5	57.1	56.1	56.6	57.3	58.5	58.6	58.4	58.9	59.2	59.6	60.5	61.9
General Merchandise Stores	8.4	8.6	8.1	8.1	8.1	8.2	8.1	8.1	8.2	8.3	8.6	9.2	9.5
Finance, Insurance, and Real Estate	12.1	11.9	11.9	12.0	12.0	12.2	12.3	12.3	12.2	12.1	12.1	12.1	12.0
Finance	6.4	6.3	6.3	6.4	6.4	6.4	6.5	6.5	6.4	6.3	6.3	6.3	6.3
Insurance	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Services	75.9	72.9	73.3	74.2	74.9	75.5	76.9	77.0	77.1	77.6	77.3	77.1	77.1
Business Services	13.3	12.6	12.7	12.8	12.7	13.1	13.5	13.8	13.8	13.7	13.7	13.4	13.7
Personnel Supply Services	5.0	4.4	4.5	4.5	4.6	5.0	5.3	5.4	5.5	5.2	5.2	5.1	5.3
Health Services	27.5	27.1	27.2	27.4	27.4	27.5	27.6	27.7	27.8	27.8	27.6	27.7	27.7
Nursing and Personal Care Facilities	4.2	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.3	4.1	4.2	4.2
Hospitals	15.1	14.9	15.0	15.1	15.1	15.1	15.2	15.2	15.2	15.1	15.1	15.1	15.1
Engineering and Management Services	6.0	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.1	6.1	6.0	6.1	6.2

See footnotes at end of table.

Toledo MSA

Nonagricultural Wage and Salary Employment, 1989[a] (continued)

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Government	43.3	44.3	44.9	45.3	45.2	45.1	41.3	37.7	36.7	42.7	44.9	45.6	45.6
Federal Government	2.7	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
State Government	15.9	16.5	16.8	17.2	17.1	16.7	13.7	12.7	12.2	15.7	17.4	17.6	17.6
State Government Education[e]	11.7	12.4	12.7	13.0	12.9	12.5	9.4	8.3	7.9	11.5	13.2	13.4	13.3
Local Government	24.7	25.2	25.5	25.5	25.5	25.6	25.0	22.3	21.8	24.3	24.9	25.3	25.3
Local Government Education	14.3	14.8	15.2	15.2	15.0	15.2	14.3	11.6	11.3	14.1	14.5	15.0	15.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-7 (1989)

Toledo MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$13.26	$13.21	$13.40	$13.40	$13.11	$13.29	$13.23	$13.23	$13.27	$13.11	$13.31	$13.37	$13.14
Durable Goods[b]	13.49	13.55	13.70	13.73	13.22	13.54	13.44	13.46	13.46	13.37	13.52	13.52	13.36
Stone, Clay, and Glass Products	11.69	11.11	11.37	11.42	11.47	11.43	11.44	11.59	11.85	11.75	12.38	12.36	12.02
Primary Metal Industries	11.32	11.41	11.36	11.10	11.19	11.15	11.25	11.21	11.32	11.44	11.25	11.34	11.76
Fabricated Metal Products	11.33	11.95	11.50	11.54	11.21	11.17	11.23	10.96	11.25	11.24	11.14	11.17	11.51
Metal Forgings and Stampings	14.99	15.14	14.69	15.04	14.82	14.82	15.12	14.54	15.08	14.81	15.22	15.03	15.69
Industrial Machinery and Equipment	11.78	12.11	12.05	11.92	11.85	11.77	11.62	11.59	11.59	11.72	11.74	11.72	11.62
Transportation Equipment	17.04	16.97	17.29	17.44	16.57	17.15	17.00	17.08	16.97	16.94	17.11	17.16	16.69
Nondurable Goods[c]	12.44	12.02	12.28	12.12	12.72	12.40	12.55	12.49	12.66	12.23	12.54	12.71	12.47
Food and Kindred Products	13.73	12.86	13.38	12.98	13.94	14.08	14.30	14.25	14.24	13.06	13.53	13.81	14.15
Rubber and Miscellaneous Plastics Products	8.79	8.82	8.69	8.65	8.72	8.88	8.78	8.77	8.91	8.82	8.74	8.87	8.82
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.59	14.39	14.19	14.42	14.34	14.32	14.44	14.68	14.64	14.90	14.83	14.87	14.81
Wholesale Trade	10.18	9.82	9.87	10.00	10.10	10.18	10.22	10.34	10.14	10.37	10.36	10.32	10.43
Retail Trade[d]	5.93	5.71	5.81	5.83	5.85	5.83	5.90	5.89	5.98	6.06	6.04	6.10	6.14

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-7 (1989)

Toledo MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.5	43.2	44.5	44.5	43.0	44.0	43.2	42.8	43.4	43.1	43.6	43.9	43.0
Durable Goods[b]	43.7	43.5	45.1	45.3	42.8	44.3	43.0	42.7	43.1	43.4	43.6	43.8	43.2
Stone, Clay, and Glass Products	42.2	38.8	40.1	42.5	42.3	42.1	40.2	41.9	44.8	42.8	44.8	44.4	41.7
Primary Metal Industries	44.2	46.4	46.3	45.7	43.7	42.8	42.9	41.4	42.8	44.5	43.6	43.4	46.6
Fabricated Metal Products	43.3	46.1	45.3	45.6	42.1	43.4	41.7	40.9	41.3	43.4	42.2	43.2	44.5
Metal Forgings and Stampings	42.2	45.9	43.6	44.2	41.7	41.8	41.3	40.3	42.5	40.4	41.6	40.7	41.7
Industrial Machinery and Equipment	43.0	44.2	44.0	43.0	43.2	43.5	42.4	42.4	42.4	42.6	42.7	42.6	42.7
Transportation Equipment	44.9	43.8	47.5	47.2	42.8	46.8	45.2	44.6	44.5	44.2	44.5	44.7	42.8
Nondurable Goods[c]	43.0	42.5	42.4	41.7	43.6	42.8	43.9	43.2	44.2	42.3	43.4	43.8	42.6
Food and Kindred Products	44.3	43.2	41.7	41.4	44.8	44.0	46.7	46.1	48.4	41.2	43.9	44.7	45.6
Rubber and Miscellaneous Plastics Products	42.2	40.6	42.0	41.4	41.5	43.7	43.5	43.2	43.2	43.2	41.9	41.8	40.7
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	41.1	40.6	40.3	40.5	40.2	40.2	40.7	41.5	41.8	42.1	41.6	41.1	41.6
Wholesale Trade	39.8	39.1	39.7	39.5	39.4	39.9	39.7	40.1	40.1	39.7	40.4	39.7	39.8
Retail Trade	27.5	27.2	27.3	27.1	27.3	27.2	27.5	27.9	27.6	27.5	27.4	27.2	28.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-7 (1989)

Toledo MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$576.81	$570.67	$596.30	$596.30	$563.73	$584.76	$571.54	$566.24	$575.92	$565.04	$580.32	$586.94	$565.02
Durable Goods[b]	589.51	589.43	617.87	621.97	565.82	599.82	577.92	574.74	580.13	580.26	589.47	592.18	577.15
Stone, Clay, and Glass Products	493.32	431.07	455.94	485.35	485.18	481.20	459.89	485.62	530.88	502.90	554.62	548.78	501.23
Primary Metal Industries	500.34	529.42	525.97	507.27	489.00	477.22	482.63	464.09	484.50	509.08	490.50	492.16	548.02
Fabricated Metal Products	490.59	550.90	520.95	526.22	471.94	484.78	468.29	448.26	464.63	487.82	470.11	482.54	512.20
Metal Forgings and Stampings	632.58	694.93	640.48	664.77	617.99	619.48	624.46	585.96	640.90	598.32	633.15	611.72	654.27
Industrial Machinery and Equipment	506.54	535.26	530.20	512.56	511.92	512.00	492.69	491.42	491.42	499.27	501.30	499.27	496.17
Transportation Equipment	765.10	743.29	821.28	823.17	709.20	802.62	768.40	761.77	755.17	748.75	761.40	767.05	714.33
Nondurable Goods[c]	534.92	510.85	520.67	505.40	554.59	530.72	550.95	539.57	559.57	517.33	544.24	556.70	531.22
Food and Kindred Products	608.24	555.55	557.95	537.37	624.51	619.52	667.81	656.93	689.22	538.07	593.97	617.31	645.24
Rubber and Miscellaneous Plastics Products	370.94	358.09	364.98	358.11	361.88	388.06	381.93	378.86	384.91	381.02	366.21	370.77	358.97
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	599.65	584.23	571.86	584.01	576.47	575.66	587.71	609.22	611.95	627.29	616.93	611.16	616.10
Wholesale Trade	405.16	383.96	391.84	395.00	397.94	406.18	405.73	414.63	406.61	411.69	418.54	409.70	415.11
Retail Trade[d]	163.08	155.31	158.61	157.99	159.71	158.58	162.25	164.33	165.05	166.65	165.50	165.92	173.76
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	345.54	339.76	338.95	337.84	341.20	337.26	340.65	345.71	343.44	348.43	358.49	355.28	360.26

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-7 (1989)

Toledo MSA

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	286.6	277.2	276.1	279.4	284.4	286.6	286.8	285.3	284.9	292.9	295.6	295.0	295.7
Goods-Producing Industries[b]	74.0	70.8	69.8	70.9	72.5	73.1	74.9	76.2	75.9	76.8	76.9	75.3	75.1
Construction	11.1	8.7	8.5	9.1	10.4	11.2	12.0	12.2	12.1	12.3	13.2	11.6	11.3
Manufacturing	62.7	61.9	61.2	61.7	61.8	61.7	62.7	63.7	63.6	64.2	63.5	63.4	63.6
Durable Goods[c]	47.3	47.2	46.8	47.0	47.1	46.7	47.2	47.7	47.2	47.4	47.5	47.6	47.6
Stone, Clay, and Glass Products	7.9	7.8	7.8	7.7	7.8	7.7	7.8	8.1	8.1	8.2	8.1	8.0	8.0
Primary Metal Industries	3.6	3.4	3.5	3.5	3.7	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.6
Fabricated Metal Products	7.4	7.1	7.1	7.2	7.3	7.4	7.6	7.5	7.4	7.5	7.4	7.4	7.4
Metal Forgings and Stampings	3.1	3.0	3.1	3.1	3.2	3.2	3.2	3.1	3.0	3.1	3.2	3.1	3.1
Industrial Machinery and Equipment	5.9	5.9	5.8	5.9	5.8	5.8	5.8	5.8	5.9	5.9	6.0	6.2	6.4
Transportation Equipment	15.6	16.0	15.7	15.7	15.6	15.3	15.6	15.6	15.4	15.4	15.5	15.6	15.5
Nondurable Goods[d]	15.5	14.6	14.4	14.6	14.7	14.9	15.5	16.0	16.3	16.8	16.0	15.8	16.0
Food and Kindred Products	4.2	3.7	3.8	3.8	3.9	4.0	4.2	4.5	4.8	5.1	4.3	4.0	4.1
Rubber and Miscellaneous Plastics Products	3.9	3.4	3.4	3.5	3.6	3.7	3.9	4.0	4.1	4.3	4.3	4.4	4.4
Service-Producing Industries	212.6	206.4	206.3	208.4	211.9	213.4	211.9	209.1	208.9	216.1	218.6	219.8	220.6
Transportation and Public Utilities	13.4	12.9	12.8	12.8	13.1	13.3	13.5	13.7	13.9	13.9	13.7	13.6	13.8
Transportation	8.6	8.1	8.0	8.1	8.4	8.5	8.6	8.7	8.8	8.9	8.8	8.8	8.9
Communications, Electric, Gas Services	4.9	4.7	4.7	4.7	4.7	4.8	4.9	5.0	5.1	5.0	4.9	4.8	4.9
Wholesale Trade	15.2	14.8	14.7	14.8	14.9	15.0	15.2	15.3	15.3	15.4	15.5	15.5	15.6
Wholesale Trade-Durable Goods	10.2	9.9	9.9	9.9	9.9	10.0	10.1	10.3	10.3	10.4	10.4	10.4	10.4
Wholesale Trade-Nondurable Goods	5.0	4.9	4.9	4.9	5.0	5.0	5.1	5.0	5.0	5.0	5.1	5.1	5.2
Retail Trade	56.6	54.0	53.0	53.6	55.5	56.2	56.8	56.3	57.4	57.5	58.5	59.5	60.9
General Merchandise Stores	8.4	8.4	7.8	7.8	7.8	7.7	7.8	7.8	8.2	8.3	9.0	9.7	10.1
Finance, Insurance, and Real Estate	12.2	12.2	12.1	12.2	12.2	12.2	12.3	12.3	12.3	12.1	12.1	12.2	12.2
Finance	6.3	6.2	6.2	6.3	6.3	6.3	6.4	6.3	6.4	6.4	6.3	6.3	6.4
Insurance	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9
Services	72.9	70.1	70.2	70.9	72.2	72.7	74.1	74.4	74.3	74.5	74.1	73.8	74.0
Business Services	12.8	12.2	12.2	12.2	12.2	12.5	13.1	13.3	13.3	13.2	13.1	13.0	13.0
Personnel Supply Services	4.8	4.7	4.6	4.6	4.3	4.5	5.1	5.1	5.1	4.8	4.7	4.8	4.8
Health Services	27.0	26.7	26.7	26.7	26.7	26.7	27.1	[illegible]	27.2	27.1	27.3	27.3	27.5
Nursing and Personal Care Facilities	4.1	4.0	4.0	4.0	4.0	4.1	4.1	4.3	4.3	4.3	4.2	4.2	4.2
Hospitals	15.0	15.0	15.0	15.0	15.0	14.9	15.0	15.0	15.0	15.0	15.0	15.1	15.1
Engineering and Management Services	5.5	5.1	5.1	5.2	5.3	5.3	5.4	5.6	5.6	5.7	5.6	5.7	5.8

See footnotes at end of table.

RS-790-1-7(1988)

Toledo MSA

Nonagricultural Wage and Salary Employment, 1988[a] (continued)

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Government	42.3	42.5	43.5	44.0	43.9	43.9	40.0	37.0	35.8	42.8	44.7	45.1	44.2
Federal Government	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
State Government	15.2	15.3	16.2	16.5	16.6	16.3	13.1	12.6	11.6	15.3	16.9	16.9	15.8
State Government Education[e]	11.1	11.2	12.2	12.4	12.5	12.2	9.0	8.3	7.4	11.1	12.7	12.8	11.6
Local Government	24.4	24.6	24.7	24.9	24.7	25.0	24.3	21.9	21.5	24.8	25.2	25.5	25.7
Local Government Education	14.0	14.4	14.6	14.7	14.4	14.6	13.7	11.2	10.9	14.3	14.8	15.1	15.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-7 (1988)

Toledo MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$13.12	$13.10	$12.75	$13.19	$13.23	$13.04	$13.17	$12.92	$12.94	$13.15	$13.19	$13.43	$13.30
Durable Goods[b]	13.49	13.54	13.19	13.59	13.68	13.46	13.56	13.27	13.17	13.53	13.50	13.75	13.60
Stone, Clay, and Glass Products	11.19	11.15	11.11	11.33	11.16	11.23	11.02	11.24	11.15	11.21	11.25	11.20	11.25
Primary Metal Industries	11.30	11.25	11.20	11.21	11.29	11.22	11.45	11.07	11.37	11.38	11.43	11.32	11.39
Fabricated Metal Products	12.42	12.97	12.88	12.81	12.77	12.73	12.62	12.15	12.09	12.22	12.01	11.89	11.99
Metal Forgings and Stampings	15.12	15.73	15.62	15.42	15.44	15.38	15.14	14.48	14.83	14.85	14.69	14.51	15.27
Industrial Machinery and Equipment	11.99	12.01	12.00	11.93	12.06	11.98	11.92	12.00	11.83	11.99	12.03	12.04	12.10
Transportation Equipment	16.70	16.27	15.81	16.66	16.87	16.44	16.87	16.47	16.41	16.99	16.98	17.35	17.02
Nondurable Goods[c]	11.82	11.70	11.26	11.66	11.53	11.40	11.69	11.68	12.23	11.93	12.07	12.31	12.27
~~Food~~ and Kindred Products	13.12	12.47	12.41	13.37	12.66	12.78	12.84	12.92	13.77	12.97	13.25	14.03	13.67
Rubber and Miscellaneous Plastics Products	8.40	8.42	8.20	8.20	8.39	8.34	8.46	8.30	8.31	8.42	8.48	8.59	8.73
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communications, Electric, Gas Services	14.53	14.54	14.35	14.69	14.49	14.55	14.51	14.58	14.71	14.55	14.55	14.56	14.29
Wholesale Trade	9.81	9.62	9.61	9.64	9.62	9.72	9.76	9.94	10.05	9.95	9.99	9.88	9.86
Retail Trade[d]	5.60	5.55	5.54	5.62	5.60	5.57	5.57	5.55	5.53	5.59	5.67	5.68	5.70

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-7 (1988)

Toledo MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.2	43.6	41.1	42.9	43.1	42.2	43.2	41.9	42.3	44.4	44.2	44.9	44.1
Durable Goods[b]	43.2	43.9	41.1	42.9	43.1	42.4	43.5	41.8	42.0	44.3	44.3	45.1	44.5
Stone, Clay, and Glass Products	39.9	39.9	39.5	40.9	39.8	39.4	39.1	39.5	40.9	39.8	40.6	39.6	40.2
Primary Metal Industries	43.6	43.0	42.4	43.2	42.9	42.8	45.5	41.5	44.7	44.3	43.6	44.3	45.2
Fabricated Metal Products	43.5	46.4	43.5	42.2	42.0	42.6	43.4	40.9	41.3	43.9	44.5	44.8	46.3
Metal Forgings and Stampings	44.7	48.9	46.5	44.6	45.5	45.8	45.9	41.3	42.1	43.5	43.0	43.8	46.1
Industrial Machinery and Equipment	43.3	43.5	43.6	43.2	43.2	42.7	43.1	42.4	42.1	43.0	43.5	43.8	44.9
Transportation Equipment	44.6	45.1	38.7	44.4	45.8	43.9	46.0	42.8	41.7	45.7	46.1	48.6	45.5
Nondurable Goods[c]	42.8	42.6	41.4	42.5	42.8	41.5	42.2	42.2	43.5	44.7	43.4	44.2	42.7
Food and Kindred Products	45.0	45.3	43.0	44.2	43.7	42.3	42.7	43.9	47.1	48.8	44.5	48.1	45.3
Rubber and Miscellaneous Plastics Products	41.6	41.3	40.9	41.1	43.0	41.2	42.6	42.1	40.9	43.0	40.6	41.5	40.7
Transportation and Public Utilities	....	....	....	....	....	....	....	....	....	....	....	....	....
Communications, Electric, Gas Services	41.6	41.1	40.7	42.0	41.7	41.5	41.4	42.7	42.7	41.9	41.4	41.5	41.0
Wholesale Trade	39.0	38.5	38.3	38.6	38.8	38.8	38.7	39.2	39.5	38.8	39.9	39.8	39.5
Retail Trade	28.7	28.8	28.5	28.8	29.0	28.7	28.8	29.1	29.0	28.3	28.2	28.0	29.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-7 (1988)

Toledo MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$566.78	$571.16	$524 03	$565.85	$570.21	$550.29	$568.94	$541.35	$547.36	$583.86	$583.00	$603.01	$586.53
Durable Goods[b]	582.77	594.41	542.11	583.01	589.61	570.70	589.86	554.69	553.14	599.38	598.05	620.13	605.20
Stone, Clay, and Glass Products	446.48	444.89	438.85	463.40	444.17	442.46	430.88	443.98	456.04	446.16	456.75	443.52	452.25
Primary Metal Industries	492.68	483.75	474.88	484.27	484.34	480.22	520.98	459.41	508.24	504.13	498.35	501.48	514.83
Fabricated Metal Products	540.27	601.81	560.28	540.58	536.34	542.30	547.71	496.94	499.32	536.46	534.45	532.67	555.14
Metal Forgings and Stampings	675.86	769.20	726.33	687.73	702.52	704.40	694.93	598.02	624.34	645.98	631.67	635.54	703.95
Industrial Machinery and Equipment	519.17	522.44	523.20	515.38	520.99	511.55	513.75	508.80	498.04	515.57	523.31	527.35	543.29
Transportation Equipment	744.82	733.78	611.85	739.70	772.65	721.72	776.02	704.92	684.30	776.44	782.78	843.21	774.41
Nondurable Goods[c]	505.90	498.42	466.16	495.55	493.48	473.10	493.32	492.90	532.01	533.27	523.84	544.10	523.93
Food and Kindred Products	590.40	564.89	533.63	590.95	553.24	540.59	548.27	567.19	648.57	632.94	589.63	674.84	619.25
Rubber and Miscellaneous Plastics Products	349.44	347.75	335.38	337.02	360.77	343.61	360.40	349.43	339.88	362.06	344.29	356.49	355.31
Transportation and Public Utilities	......	......	......	......	......	......	......	......	......	......	......	......	......
Communications, Electric, Gas Services	604.45	597.59	584.05	616.98	604.23	603.83	600.71	622.57	628.12	609.65	602.37	604.24	585.89
Wholesale Trade	382.59	370.37	368.06	372.10	373.26	377.14	377.71	389.65	396.98	386.06	398.60	393.22	389.47
Retail Trade[d]	160.72	159.84	157.89	161.86	162.40	159.86	160.42	161.51	160.37	158.20	159.89	159.04	165.30

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-7 (1988)

Toledo MSA

Nonagricultural Wage and Salary Employment, 1979–1987[a]

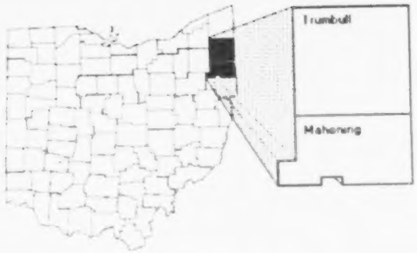
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	268.2	257.0	254.2	244.4	245.3	257.0	264.5	272.0	278.0
Goods-Producing Industries[b]	88.0	77.1	75.6	67.8	67.1	72.9	74.5	73.1	72.5
Construction	10.3	10.5	9.5	7.4	7.3	7.9	8.5	9.5	10.1
Manufacturing	77.4	66.4	65.8	60.2	59.6	64.8	65.7	63.4	62.2
Durable Goods[c]	61.5	51.6	51.4	46.9	46.2	51.1	51.8	49.5	47.8
Stone, Clay, and Glass Products	13.8	12.4	12.0	11.1	10.1	9.5	8.8	8.6	7.9
Primary Metal Industries	5.0	3.8	3.5	2.9	3.0	3.4	3.5	3.4	3.3
Fabricated Metal Products	8.9	6.9	6.8	6.2	6.6	7.8	7.9	7.6	7.5
Metal Forgings and Stampings	4.2	3.1	3.2	2.9	3.1	3.7	3.7	3.3	3.2
Industrial Machinery and Equipment	7.5	6.8	6.4	5.9	5.5	6.2	6.1	6.0	6.1
Transportation Equipment	17.7	13.8	14.7	13.7	14.3	17.1	18.2	16.8	16.1
Nondurable Goods[d]	16.0	14.9	14.5	13.3	13.4	13.7	13.9	13.9	14.3
Food and Kindred Products	4.3	4.1	3.9	3.8	3.8	3.7	3.7	3.6	3.8
Rubber and Miscellaneous Plastics Products	2.9	2.3	2.4	2.1	2.3	2.8	2.9	2.9	3.0
Service-Producing Industries	180.2	179.9	178.7	176.6	178.2	184.0	190.1	198.9	205.5
Transportation and Public Utilities	17.7	16.5	15.6	14.4	13.8	14.2	13.9	13.8	13.7
Transportation	12.4	11.1	10.2	9.1	8.9	9.3	9.2	9.0	8.7
Communications, Electric, Gas Services	5.3	5.4	5.4	5.3	5.0	4.9	4.8	4.9	4.9
Wholesale Trade	14.3	14.0	14.2	13.9	14.0	15.2	14.8	14.6	14.7
Wholesale Trade-Durable Goods	.....	.....	.....	.....	9.2	10.3	10.0	9.8	9.9
Wholesale Trade-Nondurable Goods	.....	.....	.....	.....	4.8	4.8	4.8	4.8	4.8
Retail Trade	46.9	45.8	45.6	44.1	44.5	47.4	49.8	52.0	53.7
General Merchandise Stores	.....	.....	.....	.....	6.8	7.2	7.3	7.5	7.9
Finance, Insurance, and Real Estate	9.3	9.4	9.4	9.4	9.5	9.7	10.2	11.0	11.6
Services	53.0	53.9	55.1	56.6	57.8	58.7	61.7	66.6	70.3
Health Services	.....	.....	.....	.....	24.1	24.1	24.6	25.9	26.9
Hospitals	.....	.....	.....	.....	14.9	14.4	14.2	14.7	15.2
Government	39.0	40.2	38.7	38.1	38.6	38.8	39.6	40.9	41.5
Federal Government	2.5	2.6	2.4	2.2	2.4	2.4	2.5	2.6	2.6
State Government	12.7	13.5	13.4	13.8	13.6	13.9	14.2	14.7	14.9
State Government Education[e]	.....	.....	.....	.....	9.7	10.0	10.4	10.8	10.9
Local Government	23.8	24.1	22.9	22.1	22.6	22.5	22.9	23.5	23.9
Local Government Education	13.3	13.6	13.1	12.9	12.8	12.5	12.8	13.2	13.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-7 (1979-1987)

Youngstown-Warren Metropolitan Statistical Area



Based on place of residence, the estimated average annual civilian labor force in the Youngstown-Warren metropolitan area was 223,900 in 1989, up 2,600 from the 1988 level. Total employment gained 4,100, while unemployment declined 1,400 to 15,000 in 1989. The unemployment rate dropped from 7.4 percent in 1988 to 6.7 percent in 1989. (See table below.)

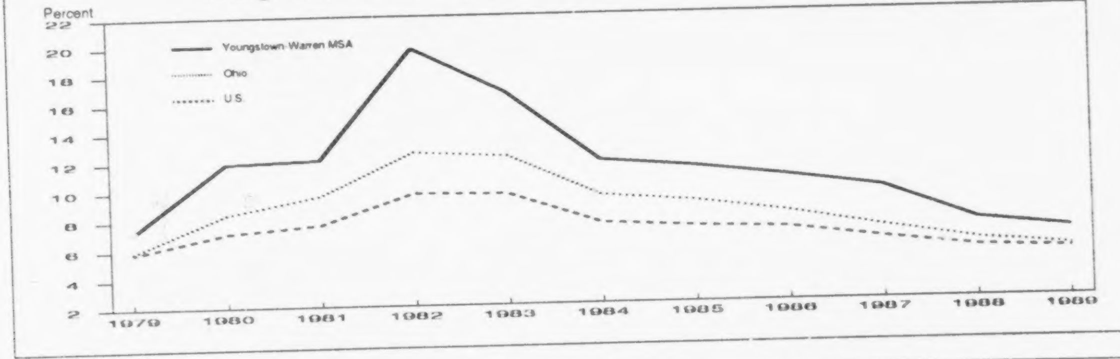
Nonagricultural wage and salary employment, at 198,100 in 1989, rose 4,300 above the 1988 level, a 2.2 percent gain. Expansion in service-producing industries added 4,600 employees to the workforce. Leading growth sectors were retail trade, up 5.3 percent or 2,100 jobs, and services, up 2.9 percent or 1,300 jobs. Employment in goods-producing industries decreased 200 from last year to 58,200 in 1989. Production cutbacks among manufacturers of durable goods, especially transportation equipment and primary metal industries, negated modest increases in construction employment.

Youngstown-Warren MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

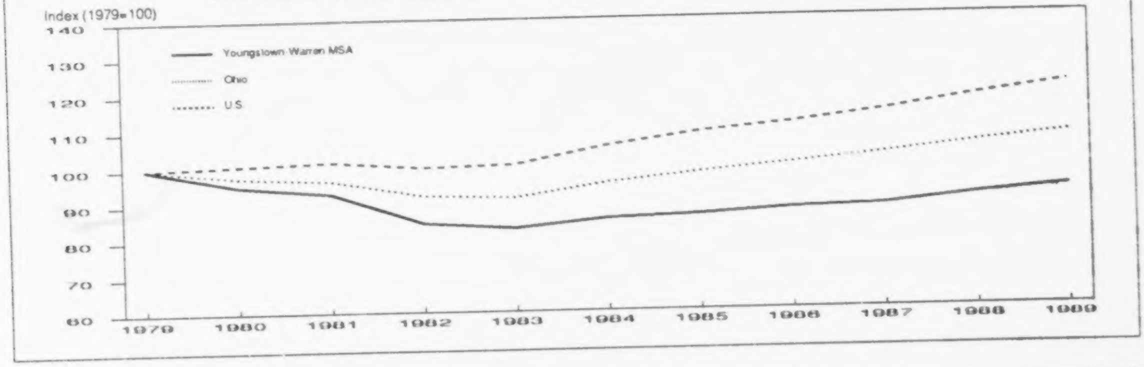
Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment		
			MSA	Ohio	U.S.			Goods–Producing Industries	Service–Producing Industries
237.1	219.9	17.1	7.2	5.9	5.8	1979	213.9	87.4	126.5
238.9	210.5	28.4	11.9	8.4	7.1	1980	203.1	78.0	125.1
234.0	205.7	28.2	12.1	9.6	7.6	1981	198.7	74.5	124.2
237.0	190.3	46.6	19.7	12.5	9.7	1982	180.6	59.1	121.5
225.6	188.1	37.5	16.6	12.2	9.6	1983	177.4	58.3	119.2
222.2	195.9	26.3	11.8	9.4	7.5	1984	182.5	61.4	121.1
221.3	196.3	25.0	11.3	8.9	7.2	1985	184.2	59.7	124.5
223.7	200.0	23.7	10.6	8.1	7.0	1986	187.1	59.0	128.1
221.6	200.0	21.6	9.7	7.0	6.2	1987	188.3	56.8	131.5
221.3	204.9	16.4	7.4	6.0	5.5	1988	193.8	58.4	135.4
223.9	209.0	15.0	6.7	5.5	5.3	1989	198.1	58.2	140.0

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.

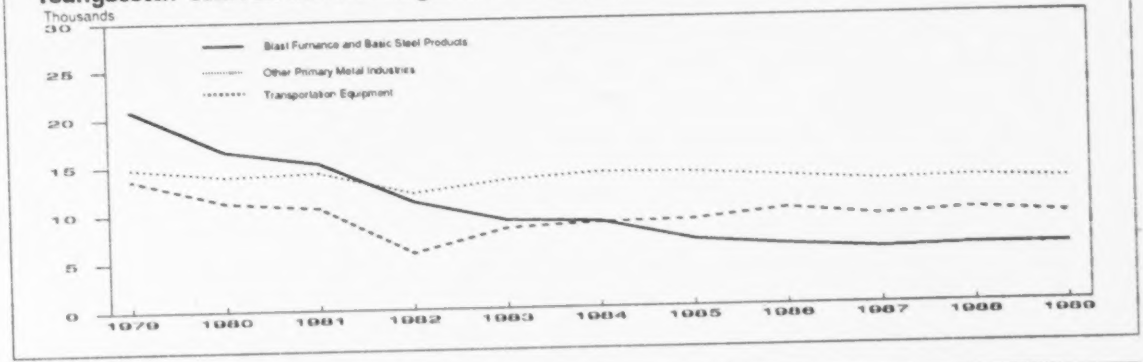
Youngstown-Warren MSA, Ohio and U.S. Unemployment Rates



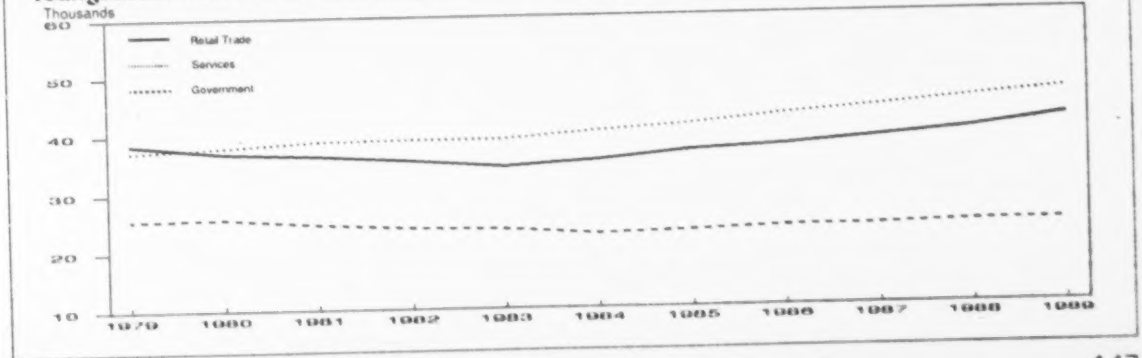
Indexes of Total Nonagricultural Wage and Salary Employment



Youngstown-Warren MSA Nonagricultural Employment (Selected Goods-Producing Industries)



Youngstown-Warren MSA Nonagricultural Employment (Selected Service-Producing Industries)



Youngstown-Warren MSA

Nonagricultural Wage and Salary Employment, 1989[a]
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	198.1	193.7	193.8	195.6	197.0	199.2	200.4	193.6	197.8	201.0	202.2	201.3	202.1
Goods-Producing Industries[b]	58.2	57.9	57.7	57.8	58.4	58.9	59.6	54.8	58.7	59.4	59.0	58.2	57.7
Construction	7.8	6.5	6.3	6.6	7.3	7.8	8.3	8.7	8.8	8.7	8.6	8.1	7.7
Manufacturing	50.0	51.0	51.0	50.8	50.7	50.7	50.8	45.7	49.5	50.2	50.0	49.7	49.6
Durable Goods[c]	44.9	46.0	45.8	45.7	45.7	45.8	45.8	40.5	44.2	45.0	44.7	44.4	44.5
Primary Metal Industries	18.6	19.1	19.0	18.8	19.0	19.0	18.9	18.1	18.2	18.7	16.4	18.2	18.1
Blast Furnace and Basic Steel Products	5.9	5.8	5.8	5.7	5.9	6.1	6.3	6.2	6.1	6.0	5.8	5.6	5.9
Fabricated Metal Products	7.4	7.5	7.5	7.6	7.5	7.6	7.5	7.1	7.1	7.5	7.5	7.4	7.5
Metal Forgings and Stampings	3.9	4.0	3.9	4.0	4.0	4.0	3.8	3.5	3.5	3.9	3.9	3.9	4.0
Industrial Machinery and Equipment	4.3	4.2	4.2	4.3	4.4	4.3	4.4	4.4	4.4	4.3	4.3	4.3	4.3
Transportation Equipment	9.1	9.7	9.6	9.4	9.5	9.5	9.7	5.6	9.2	9.2	9.2	9.2	9.4
Nondurable Goods[d]	5.1	5.0	5.1	5.2	5.0	4.9	5.0	5.1	5.2	5.2	5.3	5.2	5.2
Service-Producing Industries	140.0	135.8	136.2	137.8	138.6	140.3	140.8	138.8	139.1	141.7	143.2	143.1	144.4
Transportation and Public Utilities	7.8	7.5	7.5	7.6	7.7	7.7	7.8	7.8	7.8	7.9	7.9	7.9	8.0
Wholesale Trade	11.0	10.5	10.6	10.7	10.6	10.8	11.0	11.0	11.0	11.0	11.2	11.5	11.6
Wholesale Trade-Durable Goods	7.0	6.8	6.8	6.8	6.9	6.9	7.1	7.1	7.1	7.0	7.1	7.2	7.2
Wholesale Trade-Nondurable Goods	4.0	3.8	3.8	3.9	3.8	3.9	3.9	3.9	4.0	4.0	4.2	4.3	4.5
Retail Trade	41.9	40.1	40.0	40.4	41.4	41.8	42.5	42.5	42.7	42.7	42.7	42.9	43.5
General Merchandise Stores	5.4	5.4	5.2	5.2	5.3	5.2	5.3	5.4	5.3	5.3	5.4	5.7	5.9
Finance, Insurance, and Real Estate	8.6	8.4	8.4	8.4	8.5	8.6	8.8	8.8	8.8	8.7	8.7	8.7	8.7
Finance	4.7	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.8	4.7	4.7	4.7	4.7
Services	46.5	44.7	45.0	45.4	45.8	46.3	46.9	47.3	47.1	48.1	47.4	46.9	46.9
Health Services	21.0	20.6	20.5	20.6	20.6	20.7	20.9	21.2	21.3	21.3	21.3	21.2	21.3
Nursing and Personal Care Facilities	4.7	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8
Hospitals	10.7	10.6	10.6	10.6	10.6	10.6	10.7	10.9	10.9	10.9	10.8	10.8	10.8
Government	24.2	24.5	24.8	25.2	24.5	25.0	23.8	21.5	21.6	23.3	25.3	25.2	25.5
State Government	4.2	4.1	4.5	4.7	4.2	4.6	4.6	3.4	3.4	3.4	4.6	4.4	4.5
State Government Education[e]	2.7	2.6	3.1	3.2	2.7	3.1	3.1	1.8	1.8	1.8	3.1	3.0	3.1
Local Government	17.9	18.3	18.2	18.5	18.2	18.3	17.1	15.9	16.1	17.9	18.6	18.7	18.8
Local Government Education	11.5	12.1	11.9	12.2	11.9	12.0	10.4	9.3	9.3	11.4	12.2	12.3	12.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-8 (1989)

Youngtown-Warren MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$14.01	$13.89	$13.70	$13.85	$13.87	$13.94	$14.05	$13.84	$14.05	$14.26	$14.26	$14.23	$14.14
Durable Goods[b]	14.32	14.14	14.01	14.17	14.18	14.22	14.32	14.15	14.38	14.62	14.63	14.60	14.46
Primary Metal Industries	15.49	15.28	15.15	15.12	15.27	15.24	15.52	15.51	15.72	15.94	15.92	15.79	15.46
Blast Furnace and Basic Steel Products	13.73	13.62	13.62	13.36	13.34	13.63	13.92	13.71	13.80	13.60	13.87	14.14	13.87
Fabricated Metal Products	13.59	13.49	13.45	13.45	13.53	13.62	13.68	13.54	13.45	13.71	13.77	13.77	13.58
Metal Forgings and Stampings	15.63	15.32	15.36	15.42	15.43	15.50	15.71	15.78	15.67	15.87	15.89	15.88	15.79
Industrial Machinery and Equipment	12.03	11.88	11.91	11.81	11.97	11.93	11.88	11.85	12.13	12.12	12.26	12.34	12.24
Transportation Equipment	15.42	14.82	14.82	15.42	15.31	15.35	15.27	15.32	15.42	15.78	15.86	15.92	15.97
Nondurable Goods[c]	10.30	10.31	10.01	10.02	10.24	10.38	10.71	10.56	10.49	10.29	10.15	10.27	10.22
Wholesale Trade	9.65	9.47	9.41	9.55	9.43	9.50	9.65	9.67	9.70	9.88	9.83	9.84	9.87
Retail Trade[d]	6.38	6.16	6.22	6.24	6.26	6.35	6.36	6.38	6.45	6.52	6.52	6.54	6.49

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-8 (1989)

Youngstown-Warren MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.8	43.3	42.4	43.0	42.5	43.3	42.6	42.0	42.0	43.4	43.3	43.4	42.2
Durable Goods[b]	43.1	43.8	42.7	43.4	42.9	43.7	42.9	42.4	42.1	43.7	43.6	43.6	42.4
Primary Metal Industries	42.4	43.3	42.4	41.3	42.3	42.6	43.0	42.2	41.7	43.8	43.0	42.3	40.6
Blast Furnace and Basic Steel Products	44.9	43.7	44.5	42.7	44.4	45.1	46.6	45.3	45.3	45.8	46.3	45.7	43.9
Fabricated Metal Products	44.8	44.7	43.8	45.1	45.4	46.3	46.1	43.8	43.7	45.4	45.5	44.9	42.9
Metal Forgings and Stampings	45.9	46.6	45.3	47.0	47.0	47.6	46.7	45.1	43.5	46.7	45.6	46.3	43.2
Industrial Machinery and Equipment	42.3	43.3	42.9	42.1	42.7	42.0	41.5	40.8	42.4	42.4	42.6	43.3	42.1
Transportation Equipment	45.2	46.1	43.6	48.0	43.9	46.5	43.1	45.3	43.1	44.2	45.5	46.1	46.4
Nondurable Goods[c]	39.4	37.6	39.0	38.8	38.3	38.7	39.0	38.0	40.8	40.6	40.4	41.3	39.7
Wholesale Trade	38.7	39.2	38.8	39.0	38.7	38.0	38.5	38.5	38.9	39.1	38.9	38.7	38.3
Retail Trade	28.6	28.7	28.9	28.6	28.8	29.1	28.5	28.6	28.9	28.3	28.1	27.9	28.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products.
[f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-8 (1989)

Youngstown-Warren MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$599.63	$601.44	$580.88	$595.55	$589.48	$603.60	$598.53	$581.28	$590.10	$618.88	$617.46	$617.58	$596.71
Durable Goods[b]	617.19	619.33	598.23	614.98	608.32	621.41	614.33	599.96	605.40	638.89	637.87	636.56	613.10
Primary Metal Industries	656.78	661.62	642.36	624.46	645.92	649.22	667.36	654.52	655.52	698.17	684.56	667.92	627.68
Blast Furnace and Basic Steel Products	616.48	595.19	606.09	570.47	592.30	614.71	648.67	621.06	625.14	632.04	642.18	646.20	608.89
Fabricated Metal Products	608.83	603.00	589.11	606.60	614.26	630.61	630.65	593.05	587.77	622.43	626.54	618.27	582.58
Metal Forgings and Stampings	717.42	713.91	695.81	724.74	725.21	737.80	733.66	711.68	681.65	741.13	724.58	735.24	682.13
Industrial Machinery and Equipment	508.87	514.40	510.94	497.20	511.12	501.06	493.02	483.48	514.31	513.89	522.28	534.32	515.30
Transportation Equipment	696.98	683.20	646.15	740.16	672.11	713.78	658.14	694.00	664.60	697.48	721.63	733.91	741.01
Nondurable Goods[c]	405.82	387.66	390.39	388.78	392.19	401.71	417.69	401.28	427.99	417.77	410.06	424.15	405.73
Wholesale Trade	373.46	371.22	365.11	372.45	364.94	361.00	371.53	372.30	377.33	386.31	382.39	380.81	378.02
Retail Trade[d]	182.47	176.79	179.76	178.46	180.29	184.79	181.26	182.47	186.41	184.52	183.21	182.47	186.91
Finance, Insurance, and Real Estate	......	......	......	......	......	......	......	......	......	......	......	......	......
Finance	219.99	217.14	226.30	218.40	223.66	218.14	219.87	218.92	216.57	223.28	218.73	218.56	220.51

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-8 (1989)

Youngstown-Warren MSA

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	193.8	187.2	187.7	189.4	192.0	195.6	196.8	192.3	192.7	197.4	197.7	198.9	197.7
Goods-Producing Industries[b]	58.4	55.8	55.8	56.6	57.7	58.8	59.7	57.6	59.3	60.7	60.3	60.2	58.1
Construction	7.3	5.8	5.6	6.0	6.8	7.8	8.0	8.2	8.4	8.2	8.0	7.6	7.3
Manufacturing	50.5	49.4	49.6	50.0	50.3	50.4	51.1	48.9	50.4	51.9	51.8	52.2	50.3
Durable Goods[c]	45.4	44.3	44.6	45.0	45.2	45.3	46.0	43.8	45.2	46.6	46.6	46.9	45.2
Primary Metal Industries	19.0	18.3	18.5	18.7	18.9	19.0	19.4	18.1	18.8	19.3	19.4	19.5	19.5
Blast Furnace and Basic Steel Products	6.0	5.9	5.9	5.9	6.0	6.0	6.0	6.0	5.9	5.9	6.0	6.0	6.0
Fabricated Metal Products	7.3	7.1	7.1	7.3	7.4	7.3	7.4	6.9	7.2	7.6	7.6	7.6	7.6
Metal Forgings and Stampings	3.8	3.8	3.7	3.9	3.9	3.8	3.8	3.2	3.5	3.8	3.8	3.9	3.9
Industrial Machinery and Equipment	4.1	3.9	3.9	4.0	4.0	4.0	4.1	4.0	4.1	4.1	4.2	4.2	4.3
Transportation Equipment	9.6	9.7	9.8	9.8	9.6	9.7	9.7	9.3	9.5	10.0	9.8	10.0	8.1
Nondurable Goods[d]	5.1	5.0	5.0	5.0	5.1	5.1	5.2	5.1	5.2	5.3	5.2	5.3	5.1
Service-Producing Industries	135.4	131.4	131.9	132.8	134.3	136.9	137.2	134.6	133.4	136.7	137.5	138.7	139.7
Transportation and Public Utilities	7.7	7.3	7.3	7.4	7.7	7.8	7.8	7.8	7.8	7.9	7.9	7.9	7.9
Wholesale Trade	10.3	9.7	9.8	9.8	10.1	10.4	10.5	10.5	10.5	10.4	10.5	10.5	10.7
Wholesale Trade-Durable Goods	6.7	6.3	6.3	6.4	6.6	6.9	6.9	6.8	6.8	6.7	6.8	6.9	7.0
Wholesale Trade-Nondurable Goods	3.6	3.4	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8
Retail Trade	39.8	38.7	38.0	38.2	39.2	39.7	40.2	40.4	40.1	40.0	40.4	41.1	41.8
General Merchandise Stores	5.3	5.5	5.2	5.1	5.1	5.0	5.1	5.0	5.0	5.1	5.3	5.7	6.0
Finance, Insurance, and Real Estate	8.3	8.1	8.1	8.1	8.2	8.3	8.5	8.4	8.5	8.4	8.4	8.4	8.5
Finance	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.6
Services	45.2	43.2	43.5	44.1	44.4	45.3	45.8	45.9	45.6	46.6	46.2	45.8	45.6
Health Services	20.3	20.0	19.9	20.0	20.0	20.2	20.2	20.5	20.5	20.6	20.6	20.5	20.8
Nursing and Personal Care Facilities	4.5	4.4	4.4	4.5	4.5	4.5	4.4	4.5	4.5	4.6	4.6	4.6	4.6
Hospitals	10.5	10.4	10.4	10.4	10.4	10.5	10.5	10.6	10.7	10.6	10.6	10.5	10.6
Government	24.1	24.3	25.2	25.2	24.6	25.3	24.3	21.7	20.9	23.4	24.1	25.0	25.1
State Government	4.1	4.0	4.5	4.5	4.1	4.4	4.4	3.7	3.3	3.3	4.1	4.5	4.6
State Government Education[e]	2.6	2.5	3.0	3.0	2.6	2.9	2.9	2.1	1.8	1.8	2.6	3.0	3.1
Local Government	17.9	18.3	18.6	18.6	18.4	18.8	17.8	15.9	15.4	17.9	17.9	18.4	18.4
Local Government Education	11.6	12.2	12.5	12.4	12.3	12.6	11.4	9.4	9.0	11.6	11.7	12.2	12.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the [illegible]2th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-8 (1988)

Youngstown-Warren MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$13.59	$13.37	$13.42	$13.49	$13.63	$13.66	$13.68	$13.51	$13.48	$13.67	$13.71	$13.76	$13.74
Durable Goods[b]	13.89	13.64	13.69	13.76	13.93	13.93	13.97	13.81	13.77	13.99	14.03	14.07	14.05
Primary Metal industries	15.01	14.63	14.66	14.72	15.10	15.04	15.19	15.00	14.92	15.13	15.23	15.26	15.20
Blast Furnace and Basic Steel Products	13.71	13.56	13.97	13.92	13.62	13.72	13.77	13.74	13.52	13.41	13.59	13.73	13.90
Fabricated Metal Products	13.32	13.14	13.20	13.24	13.40	13.42	13.48	13.08	13.10	13.36	13.49	13.50	13.35
Metal Forgings and Stampings	15.13	14.96	14.99	15.05	15.20	15.11	15.12	15.09	15.01	15.17	15.22	15.22	15.35
Industrial Machinery and Equipment	11.58	11.67	11.47	11.51	11.51	11.42	11.46	11.54	11.58	11.70	11.66	11.66	11.73
Transportation Equipment	14.69	14.70	14.69	14.74	14.67	14.71	14.68	14.67	14.52	14.70	14.63	14.70	14.91
Nondurable Goods[c]	10.10	10.05	9.98	10.10	9.95	10.32	10.37	10.19	10.20	9.93	9.99	10.04	10.05
Wholesale Trade	9.36	9.20	9.23	9.27	9.29	9.41	9.22	9.37	9.28	9.39	9.49	9.52	9.57
Retail Trade[d]	6.02	5.97	5.99	6.00	6.00	5.96	6.04	6.05	6.01	6.02	6.00	6.09	6.09

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-8 (1988)

Youngstown-Warren MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.3	41.7	41.3	41.3	41.8	43.4	42.5	42.0	41.3	43.1	42.7	43.1	43.2
Durable Goods[b]	42.6	41.9	41.6	41.6	42.1	43.8	42.7	42.4	41.7	43.4	43.0	43.5	43.7
Primary Metal Industries	42.7	41.6	41.6	41.6	42.9	42.9	43.4	41.8	41.9	43.4	43.7	44.0	43.7
Blast Furnace and Basic Steel Products	45.6	44.6	47.3	47.0	44.3	45.1	45.6	45.8	44.7	45.5	45.6	45.1	46.3
Fabricated Metal Products	42.6	41.4	41.2	41.7	43.0	44.0	44.1	41.7	41.4	41.8	43.9	44.5	42.4
Metal Forgings and Stampings	43.0	41.9	41.2	42.4	43.6	44.4	44.3	42.1	40.4	41.9	44.3	45.3	43.2
Industrial Machinery and Equipment	42.4	43.3	42.5	42.2	41.5	41.6	40.8	42.2	41.7	43.3	43.0	42.7	43.9
Transportation Equipment	43.6	42.7	42.3	42.3	41.7	47.4	42.2	44.6	41.9	45.4	42.5	43.8	46.9
Nondurable Goods[c]	38.5	37.7	37.3	37.8	38.2	38.5	39.7	38.5	37.7	39.9	39.1	39.2	37.7
Wholesale Trade	38.9	37.6	38.1	37.8	38.8	38.5	38.6	38.7	39.6	39.6	39.7	39.6	39.4
Retail Trade	29.2	28.6	28.6	28.7	28.8	29.4	29.5	29.7	29.6	29.1	29.1	28.9	30.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-8 (1988)

Youngstown-Warren MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1988[a]

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$574.86	$557.53	$554.25	$557.14	$569.73	$592.84	$581.40	$567.42	$556.72	$589.18	$585.42	$593.06	$593.57
Durable Goods[b]	591.71	571.52	569.50	572.42	586.45	610.13	596.52	585.54	574.21	607.17	603.29	612.05	613.99
Primary Metal Industries	640.93	608.61	609.86	612.35	647.79	645.22	659.25	627.00	625.15	656.64	665.55	671.44	664.24
Blast Furnace and Basic Steel Products	625.18	604.78	660.78	654.24	603.37	618.77	627.91	629.29	604.34	610.16	619.70	619.22	643.57
Fabricated Metal Products[f]	567.43	544.00	543.84	552.11	576.20	590.48	594.47	545.44	542.34	558.45	592.21	600.75	566.04
Metal Forgings and Stampings	650.59	626.82	617.59	638.12	662.72	670.88	669.82	635.29	606.40	635.62	674.25	689.47	663.12
Industrial Machinery and Equipment	490.99	505.31	487.48	485.72	477.67	475.07	467.57	486.99	482.89	506.61	501.38	497.88	514.95
Transportation Equipment	640.48	627.69	621.39	623.50	611.74	697.25	619.50	654.28	608.39	667.38	621.78	643.86	699.28
Nondurable Goods[c]	388.85	378.89	372.25	381.78	380.09	397.32	411.69	392.32	384.54	396.21	390.61	393.57	378.89
Wholesale Trade	364.10	345.92	351.66	350.41	360.45	362.29	355.89	362.62	367.49	371.84	376.75	376.99	377.06
Retail Trade[d]	175.78	170.74	171.31	172.20	172.80	175.22	178.18	179.69	177.90	175.18	174.60	176.00	184.53

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-8 (1988)

Youngstown–Warren MSA

Nonagricultural Wage and Salary Employment, 1979–1987[a]

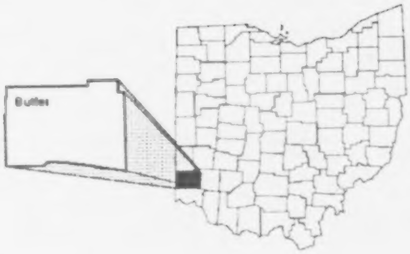
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	213.9	203.1	198.7	180.6	177.4	182.5	184.2	187.1	188.3
Goods-Producing Industries[b]	87.4	78.0	74.5	59.1	58.3	61.4	59.7	59.0	56.8
Construction	7.0	6.6	6.4	5.3	4.8	5.5	6.3	6.7	7.3
Manufacturing	79.9	70.8	67.3	52.9	52.8	55.1	52.7	51.7	48.9
Durable Goods[c]	73.9	65.0	61.8	48.0	47.7	49.8	47.5	46.4	43.8
Primary Metal Industries	35.7	30.5	29.5	23.2	22.4	22.8	20.7	19.5	18.5
Blast Furnace and Basic Steel Products	20.9	16.6	15.2	11.2	9.0	8.8	6.8	6.2	5.7
Fabricated Metal Products	9.6	9.2	9.1	7.8	7.6	8.1	7.9	7.7	7.1
Metal Forgings and Stampings	.....	.....	.....	.....	3.7	4.4	4.3	4.3	3.8
Industrial Machinery and Equipment	6.6	6.5	5.7	4.9	3.7	4.0	4.0	3.8	3.6
Transportation Equipment	13.7	11.2	10.5	5.8	8.3	8.8	8.9	9.9	9.1
Nondurable Goods[d]	6.0	5.8	5.5	4.9	5.0	5.3	5.2	5.3	5.1
Service-Producing Industries	126.5	125.1	124.2	121.5	119.2	121.1	124.5	128.1	131.5
Transportation and Public Utilities	10.1	9.6	9.2	8.2	7.6	7.7	7.6	7.5	7.6
Wholesale Trade	8.2	7.9	8.1	7.9	7.7	8.3	8.6	9.0	9.6
Wholesale Trade Durable Goods	.....	.....	.....	.....	5.2	5.5	5.7	5.9	6.1
Wholesale Trade-Nondurable Goods	.....	.....	.....	.....	2.6	2.8	2.9	3.1	3.5
Retail Trade	38.5	36.9	36.3	35.4	34.3	35.2	36.6	37.4	38.6
General Merchandise Stores	.....	.....	.....	.....	6.1	6.0	6.2	5.7	5.5
Finance, Insurance, and Real Estate	7.0	7.1	7.1	7.1	7.1	7.2	7.5	8.0	8.2
Services	37.2	37.9	38.8	38.9	38.9	40.1	41.1	42.6	43.8
Health Services	.....	.....	.....	.....	17.6	17.8	18.1	19.0	19.6
Hospitals	.....	.....	.....	.....	10.4	10.1	9.9	10.1	10.2
Government	25.6	25.8	24.6	24.0	23.6	22.6	23.0	23.5	23.7
State Government	.....	.....	.....	.....	3.7	3.7	3.8	4.0	4.1
State Government Education[e]	.....	.....	.....	.....	2.2	2.3	2.3	2.5	2.6
Local Government	20.4	20.2	19.2	18.5	18.0	17.0	17.3	17.5	17.6
Local Government Education	.....	.....	.....	.....	11.2	10.6	10.9	11.1	11.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes mining. [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [e] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-8 (1979-1987)

Hamilton-Middletown
Primary Metropolitan Statistical Area



In the Hamilton-Middletown metropolitan area, the estimated annual average civilian labor force, distributed by place of residence, increased 1,100 from 1988 to 132,200 in 1989. Total employment gained 1,700 over the year, while unemployment registered a decrease of 600. The unemployment rate dropped from 6.2 percent in 1988 to 5.8 percent in 1989. (See table below.)

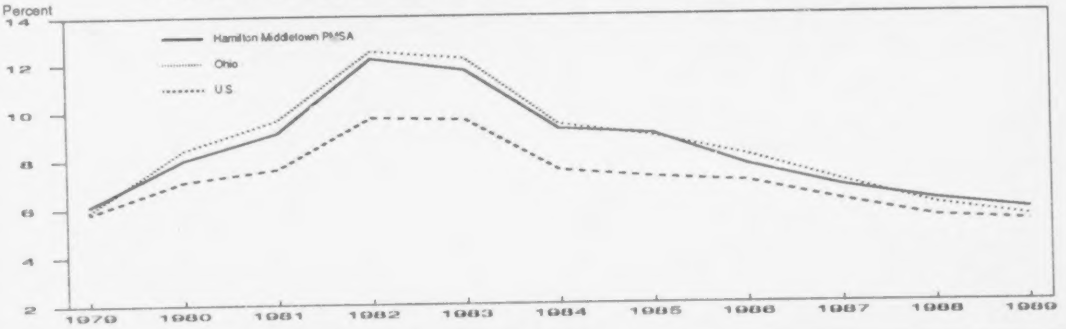
Nonagricultural wage and salary employment, at 94,800 in 1989, rose 1,200 above the 1988 level, a growth rate of 1.3 percent. The number of jobs in service-producing industries increased 1,600. Primary areas of expansion were government (+700) and services (+600). Noteworthy gains also occurred in transportation and public utilities and in wholesale trade. Employment in goods-producing industries declined 400 from 1988 to 27,800 in 1989. Reductions among manufacturers of durable and nondurable goods negated modest improvements in construction and mining. Over-the-year cutbacks in fabricated metal products and paper and allied products more than offset growth in primary metal industries.

Hamilton-Middletown PMSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
[Employed and Unemployed in Thousands]

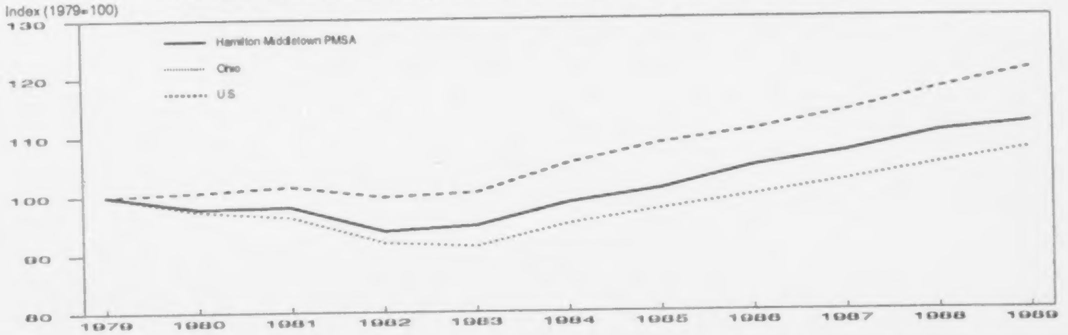
Civilian Labor Force							Nonagricultural Wage and Salary Employment		
	Employment								
		Unemployment							
			Unemployment Rates[b]					Goods-Producing Industries	Service-Producing Industries
			PMSA	Ohio	U.S.				
109.4	102.7	6.7	6.1	5.9	5.8	1979	84.9	34.0	50.8
109.9	101.1	8.8	8.0	8.4	7.1	1980	83.0	31.8	51.3
111.2	101.1	10.1	9.1	9.6	7.6	1981	83.2	31.8	51.4
112.2	98.5	13.7	12.2	12.5	9.7	1982	79.7	28.6	51.1
113.0	99.7	13.2	11.7	12.2	9.6	1983	80.5	28.2	52.3
123.8	112.4	11.4	9.2	9.4	7.5	1984	83.7	29.5	54.2
125.5	114.1	11.4	9.0	8.9	7.2	1985	85.7	28.9	56.8
128.8	118.9	9.9	7.7	8.1	7.0	1986	88.8	29.1	59.7
128.9	120.1	8.8	6.8	7.0	6.2	1987	90.8	28.0	62.8
131.1	122.9	8.2	6.2	6.0	5.5	1988	93.6	28.2	65.4
132.2	124.6	7.6	5.8	5.5	5.3	1989	94.8	27.8	67.0

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.

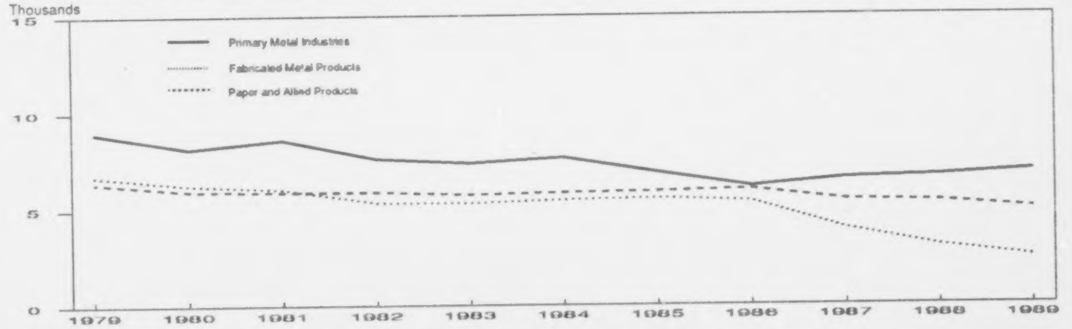
Hamilton-Middletown PMSA, Ohio and U.S. Unemployment Rates



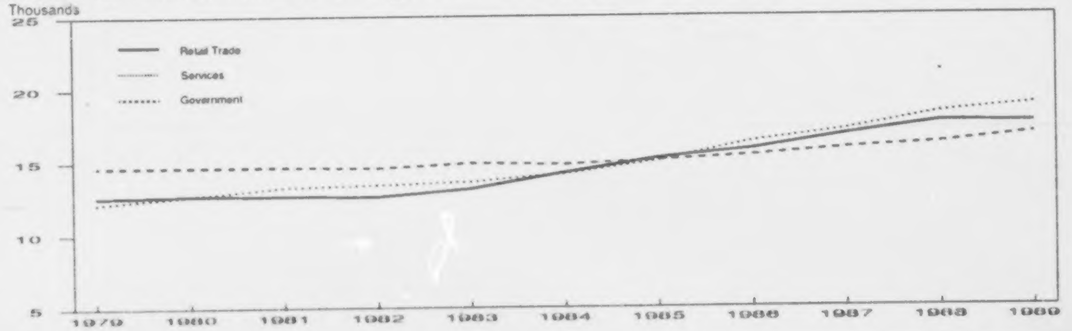
Indexes of Total Nonagricultural Wage and Salary Employment



Hamilton-Middletown PMSA Nonagricultural Employment (Selected Goods-Producing Industries)



Hamilton-Middletown PMSA Nonagricultural Employment (Selected Service-Producing Industries)



Hamilton–Middletown PMSA

Nonagricultural Wage and Salary Employment, 1989[a]
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	94.8	93.3	93.4	94.6	95.4	95.9	93.3	93.1	93.0	96.0	96.2	96.7	96.7
Goods–Producing Industries	27.8	27.2	27.2	27.3	27.3	27.7	28.0	28.3	28.1	28.2	28.2	28.3	28.1
Construction and Mining	5.5	4.8	4.8	5.0	5.3	5.5	5.7	5.9	5.8	5.7	5.8	5.8	5.9
Manufacturing	22.3	22.4	22.5	22.3	22.0	22.3	22.3	22.4	22.4	22.5	22.4	22.5	22.2
Durable Goods[c]	15.4	15.4	15.5	15.3	15.1	15.5	15.4	15.5	15.4	15.6	15.5	15.6	15.4
Primary Metal Industries	6.9	6.8	6.7	6.7	6.7	7.0	6.9	6.9	7.0	7.0	7.1	7.2	7.1
Fabricated Metal Products	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.4
Industrial Machinery and Equipment	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5
Nondurable Goods[d]	6.9	7.0	7.0	7.0	6.9	6.8	6.9	7.0	6.9	6.9	6.9	6.9	6.8
Paper and Allied Products	5.0	5.1	5.1	5.1	5.0	4.9	4.9	5.0	5.0	5.0	4.9	4.9	4.8
Paper Mills	3.7	3.8	3.8	3.8	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.6
Service–Producing Industries	67.0	66.1	66.2	67.3	68.1	68.1	65.4	64.8	64.9	67.8	68.0	68.4	68.6
Transportation and Public Utilities	3.3	3.3	3.3	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.4
Wholesale Trade	5.7	5.6	5.6	5.7	5.6	5.7	5.7	5.7	5.6	5.6	5.6	5.7	5.6
Wholesale Trade–Durable Goods	3.9	3.9	3.9	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.9	3.9
Retail Trade	17.6	17.0	17.4	17.5	17.7	17.8	17.7	17.6	17.7	17.6	17.4	17.5	17.7
Food Stores	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.2	3.1	3.1	3.0	3.0	3.0
Finance, Insurance, and Real Estate	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7
Services	18.8	17.7	17.9	18.0	18.8	18.9	19.3	19.5	19.4	19.3	19.1	19.1	19.0
Health Services	8.1	7.9	7.9	7.9	8.0	8.0	8.1	8.1	8.1	8.1	8.2	8.3	8.3
Government	16.8	17.6	17.2	17.9	17.8	17.6	14.6	13.9	14.0	17.1	17.9	18.1	18.1
State Government (Includes Education)	6.5	7.5	7.0	7.6	7.5	7.1	4.0	3.5	3.8	6.7	7.5	7.7	7.8
Local Government	9.7	9.5	9.7	9.7	9.8	9.9	10.0	9.8	9.6	9.8	9.7	9.8	9.7
Local Government Education	6.3	6.1	6.3	6.4	6.3	6.4	6.4	6.0	5.9	6.2	6.3	6.4	6.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Hamilton-Middletown area is defined as Butler County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-9 (1989)

Hamilton-Middletown PMSA

Average Hourly Earnings of Production Workers or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$13.36	$13.35	$13.42	$13.53	$13.39	$13.42	$13.39	$13.31	$13.36	$13.30	$13.21	$13.24	$13.39
Durable Goods[b]	13.58	13.64	13.71	13.84	13.62	13.67	13.62	13.51	13.54	13.45	13.37	13.43	13.58
Primary Metal Industries	14.97	15.16	15.16	15.18	15.15	15.15	15.06	15.04	14.90	14.77	14.58	14.65	14.72
Fabricated Metal Products	12.26	12.81	12.72	12.95	12.25	12.32	12.15	11.69	11.89	11.80	12.21	12.13	12.29
Industrial Machinery and Equipment	12.98	12.88	12.94	13.07	12.73	12.74	12.95	12.99	13.02	12.98	13.19	13.06	13.20
Nondurable Goods[c]	12.80	12.65	12.68	12.71	12.81	12.76	12.81	12.79	12.91	12.94	12.83	12.87	12.91
Paper and Allied Products	13.12	13.01	13.06	13.07	13.10	13.10	13.14	13.11	13.22	13.22	13.12	13.13	13.17
Paper Mills	13.38	13.28	13.31	13.36	13.39	13.34	13.38	13.38	13.46	13.52	13.39	13.38	13.43
Wholesale Trade	10.15	10.01	9.82	9.95	9.85	10.08	10.13	10.14	10.30	10.35	10.45	10.37	10.35
Retail Trade[d]	5.85	5.89	5.85	5.90	5.86	5.81	5.84	5.84	5.80	5.82	5.86	5.84	5.92

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Hamilton-Middletown area is defined as Butler County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 4321 4-5-90 RS-790-4-9 (1989)

Hamilton–Middletown PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	45.4	44.6	45.0	45.9	45.6	46.3	46.2	45.4	45.6	45.1	44.5	44.6	45.6
Durable Goods[b]	45.5	44.4	45.4	46.5	46.0	47.0	46.6	45.6	45.7	44.6	44.4	44.2	45.3
Primary Metal Industries	47.1	45.9	47.2	49.7	48.7	49.3	49.0	49.1	47.0	45.1	44.0	44.1	46.6
Fabricated Metal Products	42.5	42.4	41.7	41.5	41.2	43.5	42.3	40.3	43.5	42.1	45.2	43.0	43.2
Industrial Machinery and Equipment	49.7	46.7	48.9	49.9	50.4	51.1	53.0	48.8	49.4	48.5	49.8	50.1	50.4
Nondurable Goods[c]	45.1	45.2	44.0	44.3	44.7	44.7	45.4	44.7	45.1	46.3	45.0	45.7	46.5
Paper and Allied Products	46.5	47.2	45.8	46.1	45.8	45.8	46.4	45.8	46.4	47.9	[f]46.2	46.9	47.9
Paper Mills	46.8	47.6	46.3	46.9	45.8	46.0	46.8	46.5	46.9	48.5	45.6	46.3	48.5
Wholesale Trade	41.8	43.4	42.0	41.0	41.5	41.8	41.7	42.2	41.4	42.0	42.3	41.6	41.2
Retail Trade	28.2	26.7	27.3	27.5	28.0	28.2	28.8	28.7	28.8	28.2	28.5	28.5	28.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Hamilton-Middletown area is defined as Butler County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed [illegible] to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-9 (1989)

Hamilton-Middletown PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$606.54	$595.41	$603.90	$621.03	$610.58	$621.35	$618.62	$604.27	$609.22	$599.83	$587.85	$590.50	$610.58
Durable Goods[b]	617.89	605.62	622.43	643.56	626.52	642.49	634.69	616.06	618.78	599.87	593.63	593.61	615.17
Primary Metal Industries	705.09	695.84	715.55	754.45	737.81	746.90	737.94	738.46	700.30	666.13	641.52	646.07	685.95
Fabricated Metal Products	521.05	543.14	530.42	537.43	504.70	535.92	513.95	471.11	517.22	496.78	551.89	521.59	530.93
Industrial Machinery and Equipment	645.11	601.50	632.77	652.19	641.59	651.01	686.35	633.91	643.19	629.53	656.86	654.31	665.28
Nondurable Goods[c]	577.28	571.78	557.92	563.05	572.61	570.37	581.57	571.71	582.24	599.12	577.35	588.16	600.32
Paper and Allied Products	610.08	614.07	598.15	602.53	599.98	599.98	609.70	600.44	613.41	633.24	606.14	615.80	630.84
Paper Mills	626.18	632.13	616.25	626.58	613.26	613.64	626.18	622.17	631.27	655.72	610.58	619.49	651.36
Wholesale Trade	424.27	434.43	412.44	407.95	408.78	421.34	422.42	427.91	426.42	434.70	442.04	431.39	426.42
Retail Trade[d]	164.97	157.26	159.71	162.26	164.08	163.84	168.19	167.61	167.04	164.12	167.01	166.44	171.09

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Hamilton-Middletown area is defined as Butler County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-9 (1989)

Hamilton–Middletown PMSA

Nonagricultural Wage and Salary Employment, 1988[a]
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	93.6	91.6	91.5	92.7	94.1	95.4	95.3	91.5	91.4	92.6	94.9	96.0	96.3
Goods–Producing Industries	28.2	27.5	27.6	28.0	28.3	28.5	28.9	28.5	28.2	27.9	28.1	28.3	28.4
Construction and Mining	5.0	3.9	3.9	4.3	4.8	5.1	5.5	5.4	5.3	5.3	5.4	5.5	5.7
Manufacturing	23.2	23.6	23.7	23.7	23.5	23.4	23.4	23.1	22.8	22.6	22.7	22.7	22.7
Durable Goods[c]	16.0	16.4	16.5	16.5	16.3	16.2	16.1	15.9	15.7	15.5	15.5	15.5	15.6
Primary Metal Industries	6.7	6.8	6.8	6.8	6.6	6.6	6.6	6.5	6.6	6.6	6.6	6.7	6.8
Fabricated Metal Products	3.0	3.4	3.5	3.5	3.5	3.3	3.2	2.9	2.8	2.5	2.6	2.6	2.6
Industrial Machinery and Equipment	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4
Nondurable Goods[d]	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2	7.2	7.1	7.2	7.2	7.2
Paper and Allied Products	5.3	5.4	5.3	5.3	5.3	5.3	5.4	5.3	5.2	5.3	5.3	5.3	5.4
Paper Mills	4.0	4.0	4.0	3.9	3.9	4.0	4.0	3.9	3.9	3.9	4.0	4.0	4.0
Service–Producing Industries	65.4	64.1	63.9	64.8	65.9	66.9	66.4	63.0	63.2	64.7	66.8	67.7	67.8
Transportation and Public Utilities	3.1	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2	3.3
Wholesale Trade	5.5	5.3	5.4	5.3	5.4	5.4	5.4	5.5	5.5	5.5	5.6	5.7	5.7
Wholesale Trade–Durable Goods	3.8	3.8	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	4.0
Retail Trade	17.6	17.1	17.2	17.5	17.8	17.7	17.6	17.6	17.8	18.0	17.5	17.6	17.7
Food Stores	3.3	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2
Finance, Insurance, and Real Estate	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	4.9	4.9	4.9
Services	18.2	17.0	17.1	17.2	17.8	18.2	18.6	18.9	19.0	18.9	18.8	18.7	18.7
Health Services	7.7	7.4	7.4	7.4	7.5	7.6	7.7	7.6	7.7	7.8	8.0	8.0	8.0
Government	16.1	17.0	16.5	17.0	16.9	17.6	16.7	12.9	12.8	14.0	16.8	17.6	17.5
State Government (Includes Education)	6.4	7.3	6.7	7.1	7.3	7.5	6.8	3.9	4.0	4.2	6.7	7.3	7.5
Local Government	9.2	9.1	9.3	9.4	9.1	9.5	9.3	8.5	8.2	9.2	9.6	9.7	9.5
Local Government Education	5.8	5.8	6.0	6.0	5.8	6.0	5.8	4.9	4.8	5.9	6.2	6.4	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Hamilton-Middletown area is defined as Butler County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-9 (1988)

Hamilton–Middletown PMSA

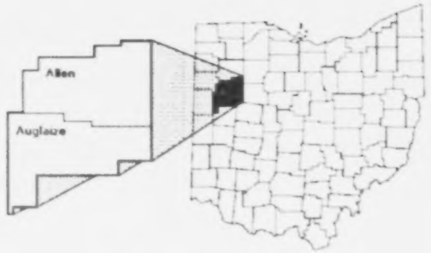
Nonagricultural Wage and Salary Employment, 1979–1987[a]
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	84.9	83.0	83.2	79.7	80.5	83.7	85.7	88.8	90.8
Goods-Producing Industries	34.0	31.8	31.8	28.6	28.2	29.5	28.9	29.1	28.0
Construction and Mining	4.6	3.9	3.7	3.3	3.3	3.9	3.6	4.1	4.5
Manufacturing	29.4	27.8	28.0	25.4	24.9	25.6	25.3	25.0	23.5
Durable Goods[c]	21.6	20.3	20.6	18.0	17.6	18.1	17.8	17.2	16.3
Primary Metal Industries	9.0	8.2	8.6	7.6	7.4	7.6	6.9	6.1	6.6
Fabricated Metal Products	6.7	6.3	6.0	5.3	5.3	5.5	5.6	5.4	3.9
Industrial Machinery and Equipment	2.6	2.7	2.7	2.2	2.1	2.1	2.3	2.5	2.3
Nondurable Goods[d]	7.8	7.5	7.5	7.3	7.3	7.5	7.5	7.8	7.2
Paper and Allied Products	6.4	6.0	5.9	5.9	5.7	5.8	5.9	6.0	5.4
Paper Mills	4.2	4.1	4.2	4.3	4.2	4.4	4.3	4.3	4.0
Service–Producing Industries	50.8	51.3	51.4	51.1	52.3	54.2	56.8	59.7	62.8
Transportation and Public Utilities	3.1	2.8	2.5	2.5	2.5	2.7	2.8	2.8	2.7
Wholesale Trade	3.5	3.7	3.7	3.5	3.6	3.9	4.1	4.3	5.4
Wholesale Trade–Durable Goods	2.4	2.6	2.6	2.4	2.5	2.8	3.0	3.0	3.7
Retail Trade	12.6	12.7	12.7	12.6	13.1	14.2	15.2	15.8	16.8
Food Stores	2.3	2.3	2.5	2.5	2.8	3.1	3.2	3.1	3.3
Finance, Insurance, and Real Estate	4.8	4.8	4.7	4.6	4.6	4.6	4.7	5.1	5.1
Services	12.2	12.7	13.2	13.4	13.6	14.1	15.0	16.3	17.1
Health Services	5.4	5.8	6.1	6.4	6.7	6.7	6.8	7.1	7.3
Government	14.6	14.6	14.6	14.6	14.9	14.7	15.0	15.4	15.8
State Government (Includes Education)	5.2	5.3	5.6	5.4	5.7	5.7	5.9	6.1	6.3
Local Government	9.0	8.9	8.7	8.7	8.7	8.6	8.7	8.8	9.0
Local Government Education	5.7	5.6	5.6	5.5	5.5	5.6	5.6	5.8	5.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Hamilton-Middletown area is defined as Butler County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-9 (1979-1987)

Lima Metropolitan Statistical Area



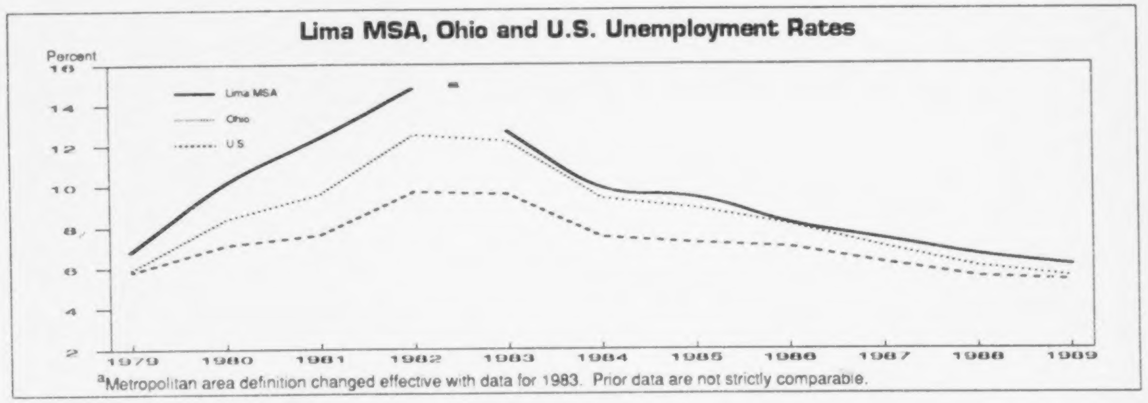
The estimated annual average civilian labor force in the Lima metropolitan area, distributed by place of residence, advanced 2,500 from 1988 to 78,200 in 1989. Total employment gained 2,700 jobs over the year to 73,400, while unemployment decreased 200. The unemployment rate dropped from 6.6 percent in 1988 to 6.1 percent in 1989. (See table below.)

Nonagricultural wage and salary employment totaled 72,600 in 1989, up 3.6 percent, or 2,500, above the 1988 level. Employment in the service-producing sector advanced 1,700 to 46,200. Leading growth industries were retail trade (+800), services (+400), and wholesale trade (+300). Nominal gains occurred in transportation and public utilities and in local government. The workforce in goods-producing industries rose 900 over the year to 26,400 primarily due to expansion in manufacturing. Increased production in industrial machinery and equipment, fabricated metal products, food and kindred products, and rubber and miscellaneous plastics products overshadowed a decline in transportation equipment. Employment in construction and mining was virtually unchanged from the 1988 level.

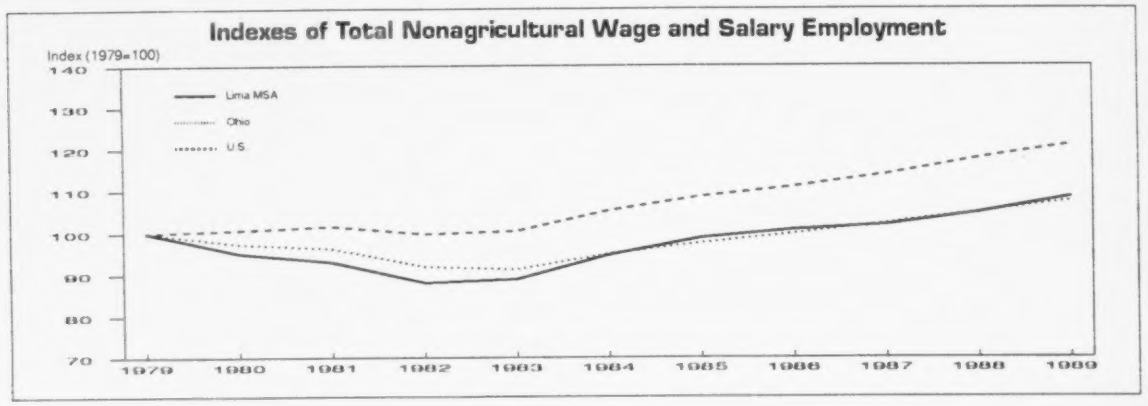
Lima MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

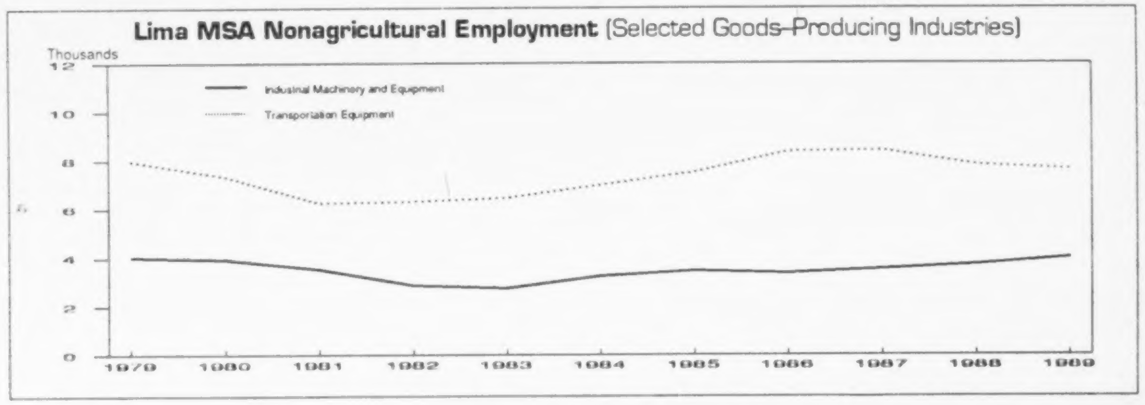
Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment		
			MSA	Ohio	U.S.			Goods-Producing Industries	Service-Producing Industries
104.5	97.4	7.2	6.8	5.9	5.8	1979	67.0	28.6	38.3
103.4	92.7	10.6	10.3	8.4	7.1	1980	63.7	25.7	38.0
104.6	91.7	12.9	12.3	9.6	7.6	1981	62.3	24.2	38.1
102.7	87.5	15.2	14.8	12.5	9.7	1982	59.0	22.2	36.7
71.5[c]	62.4[c]	9.1[c]	12.7[c]	12.2	9.6	1983	59.5	22.2	37.3
72.6	65.7	6.9	9.5	9.4	7.5	1984	63.4	24.3	39.1
74.9	67.8	7.1	9.5	8.9	7.2	1985	66.1	25.0	41.1
75.3	69.2	6.1	8.1	8.1	7.0	1986	67.4	25.6	41.8
75.2	69.6	5.6	7.4	7.0	6.2	1987	68.1	25.3	42.8
75.7	70.7	5.0	6.6	6.0	5.5	1988	70.0	25.5	44.5
78.2	73.4	4.8	6.1	5.5	5.3	1989	72.6	26.4	46.2

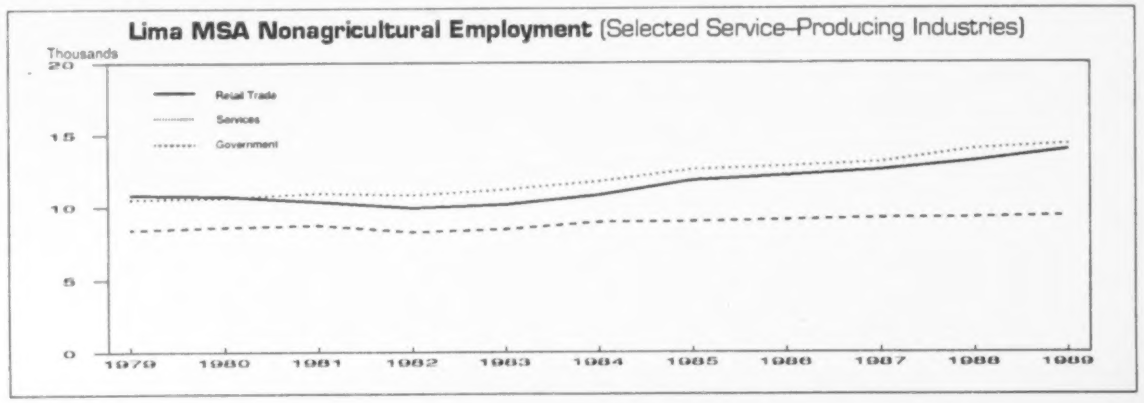
[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.
[c] Data not comparable to previous years due to change in metropolitan area definition.


Lima MSA, Ohio and U.S. Unemployment Rates

[a] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.


Indexes of Total Nonagricultural Wage and Salary Employment


Lima MSA Nonagricultural Employment (Selected Goods-Producing Industries)


Lima MSA Nonagricultural Employment (Selected Service-Producing Industries)

Lima MSA

Nonagricultural Wage and Salary Employment, 1989[a]

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	72.6	70.1	70.2	71.0	72.2	73.1	73.8	73.4	73.4	73.4	72.5	73.8	73.8
Goods–Producing Industries	26.4	25.2	25.2	25.4	26.0	26.5	27.2	26.9	27.1	27.2	26.3	27.1	26.7
Construction and Mining	3.2	2.8	2.7	2.8	3.0	3.2	3.4	3.5	3.5	3.5	3.4	3.3	3.1
Manufacturing	23.2	22.5	22.4	22.6	23.0	23.3	23.7	23.4	23.6	23.7	22.9	23.8	23.6
Durable Goods[c]	17.1	16.7	16.7	16.8	17.0	17.3	17.5	17.2	17.4	17.4	16.6	17.5	17.3
Fabricated Metal Products	2.6	2.5	2.4	2.4	2.5	2.5	2.5	2.5	2.8	2.8	2.8	2.8	2.8
Industrial Machinery and Equipment	4.0	3.8	3.8	3.9	3.9	4.0	4.1	4.1	4.1	4.0	4.1	4.2	4.1
Transportation Equipment	7.6	7.6	7.6	7.6	7.7	7.9	8.0	7.7	7.6	7.7	6.8	7.6	7.6
Motor Vehicles and Equipment	3.7	3.8	3.8	3.8	3.9	3.9	3.8	3.5	3.5	3.7	2.9	3.6	3.6
Nondurable Goods[d]	6.1	5.8	5.8	5.8	5.9	6.0	6.2	6.2	6.2	6.3	6.3	6.3	6.2
Food and Kindred Products	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.8
Rubber and Miscellaneous Plastics Products	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1
Service–Producing Industries	46.2	44.8	45.0	45.6	46.3	46.6	46.6	46.5	46.4	46.3	46.2	46.7	47.1
Transportation and Public Utilities	3.0	2.8	2.8	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1
Wholesale Trade	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.4	3.5	3.5
Retail Trade	13.9	13.3	13.1	13.5	13.9	14.1	14.1	14.1	14.2	14.2	14.0	14.2	14.7
General Merchandise Stores	2.0	1.9	1.9	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.2	2.3
Finance, Insurance, and Real Estate	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.1
Services	14.3	14.1	14.2	14.4	14.5	14.6	14.4	14.4	14.3	14.2	14.3	14.4	14.3
Health Services	6.2	6.1	6.2	6.2	6.3	6.3	6.1	6.1	6.1	6.1	6.3	6.4	6.4
Hospitals	3.0	3.0	3.1	3.1	3.1	3.1	2.9	2.9	2.9	2.9	3.0	3.0	3.1
Government	9.4	9.2	9.4	9.4	9.5	9.5	9.5	9.3	9.2	9.2	9.4	9.5	9.5
Local Government	7.0	6.8	7.1	7.0	7.1	7.1	7.1	6.9	6.8	6.9	7.0	7.1	7.0
Local Government Education	4.1	4.0	4.2	4.1	4.2	4.2	4.1	3.9	3.9	4.1	4.2	4.3	4.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lima area is defined as Allen and Auglaize Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-10 (1989)

Lima MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$13.02	$12.88	$12.92	$12.96	$12.93	$12.93	$13.12	$12.99	$12.98	$13.10	$13.00	$13.16	$13.20
Durable Goods[b]	12.97	12.85	12.90	12.95	12.95	12.84	13.17	12.99	12.87	13.04	12.80	13.07	13.19
Fabricated Metal Products	8.91	8.88	8.92	8.90	8.90	9.01	8.93	8.90	8.98	8.90	8.87	8.91	8.88
Industrial Machinery and Equipment	11.47	11.17	11.24	11.31	11.36	11.36	11.69	11.60	11.46	11.67	11.69	11.44	11.62
Transportation Equipment	15.70	15.40	15.47	15.54	15.48	15.43	15.80	15.70	15.74	15.90	15.78	16.00	16.20
Motor Vehicles and Equipment	16.81	16.53	16.54	16.68	16.47	16.48	16.86	16.79	16.83	17.02	17.14	17.16	17.38
Nondurable Goods[c]	13.16	12.97	13.01	12.98	12.89	13.22	12.95	13.01	13.34	13.29	13.56	13.42	13.25
Food and Kindred Products	8.93	8.94	9.02	8.87	8.84	8.67	8.71	8.85	8.93	8.87	8.90	9.16	9.39
Rubber and Miscellaneous Plastics Products	12.99	13.03	12.88	12.94	12.89	13.10	13.22	13.10	13.22	13.03	13.06	12.95	12.49
Wholesale Trade	9.63	9.47	9.41	9.50	9.56	9.79	9.61	9.59	9.76	9.81	9.75	9.75	9.60
Retail Trade[d]	5.94	5.79	5.74	5.82	5.82	5.84	5.50	5.98	5.68	6.15	6.28	6.28	6.21
General Merchandise Stores	6.14	6.08	6.15	6.24	6.18	6.20	6.09	6.17	6.09	6.01	6.12	6.06	6.20

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lima area is defined as Allen and Auglaize Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-10 (1989)

Lima MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.8	42.9	42.6	42.6	42.6	42.5	43.3	42.5	43.0	42.8	42.8	42.8	43.0
Durable Goods[b]	42.7	43.0	42.6	42.7	42.5	42.2	43.2	42.0	42.6	42.5	42.6	42.8	43.3
Fabricated Metal Products	41.3	42.6	41.1	40.2	40.0	41.2	40.9	39.5	42.2	42.3	41.3	41.6	41.7
Industrial Machinery and Equipment	41.3	41.7	42.1	42.3	42.3	41.0	41.2	40.7	40.1	40.4	41.2	40.6	42.0
Transportation Equipment	43.0	42.8	42.5	42.6	42.3	42.4	44.1	42.4	42.8	42.9	43.1	43.6	44.3
Motor Vehicles and Equipment	45.2	44.6	44.6	45.0	44.2	45.0	48.0	44.5	45.7	44.2	45.6	45.5	45.9
Nondurable Goods[c]	43.1	42.6	42.5	42.6	42.8	43.4	43.6	43.8	44.4	43.6	43.3	42.9	41.9
Food and Kindred Products	41.1	40.5	39.9	40.8	41.7	40.5	42.1	42.6	43.1	40.6	39.8	40.8	41.1
Rubber and Miscellaneous Plastics Products	45.7	46.2	45.7	46.5	46.0	46.3	47.8	46.8	46.2	45.6	45.0	44.7	42.4
Wholesale Trade	38.6	38.9	38.7	38.8	38.5	38.4	38.3	38.6	38.7	38.9	38.5	38.6	38.7
Retail Trade	29.8	27.7	28.0	28.4	28.5	28.5	27.6	29.8	36.1	30.0	30.1	30.3	31.2
General Merchandise Stores	26.9	25.5	24.6	26.1	25.9	25.9	26.5	27.2	26.7	26.9	27.2	26.3	31.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lima area is defined as Allen and Auglaize Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-10 (1989)

Lima MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$557.26	$552.55	$550.39	$552.10	$550.82	$549.53	$568.10	$552.08	$558.14	$560.68	$556.40	$563.25	$567.60
Durable Goods[b]	553.82	552.55	549.54	552.97	550.38	541.85	568.94	545.58	548.26	554.20	545.28	559.40	571.13
Fabricated Metal Products	367.98	378.29	366.61	357.78	356.00	371.21	365.24	351.55	378.96	376.47	366.33	370.66	370.30
Industrial Machinery and Equipment	473.71	465.79	473.20	478.41	480.53	465.76	481.63	472.12	459.55	471.47	481.63	464.46	488.04
Transportation Equipment	675.10	659.12	657.48	662.00	654.80	654.23	696.78	665.68	673.67	682.11	680.12	697.60	717.66
Motor Vehicles and Equipment	759.81	737.24	737.68	750.60	727.97	741.60	809.28	747.16	769.13	752.28	781.58	780.78	797.74
Nondurable Goods[c]	567.20	552.52	552.93	552.95	551.69	573.75	564.62	569.84	592.30	579.44	587.15	575.72	555.18
Food and Kindred Products	367.02	362.07	359.90	361.90	368.63	351.14	366.69	377.01	384.88	360.12	354.22	373.73	385.93
Rubber and Miscellaneous Plastics Products	593.64	601.99	588.62	601.71	592.94	606.53	631.92	613.08	610.76	594.17	587.70	578.87	529.58
Wholesale Trade	371.72	368.38	364.17	368.60	368.06	375.94	368.06	370.17	377.71	381.61	375.38	376.35	371.52
Retail Trade[d]	177.01	160.38	160.72	165.29	165.87	166.44	151.80	178.20	205.05	184.50	189.03	190.28	193.75
General Merchandise Stores	165.17	155.04	151.29	162.86	160.06	160.58	161.39	167.82	162.60	161.67	166.46	159.38	192.20

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lima area is defined as Allen and Auglaize Counties. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-10 (1989)

Lima MSA

Nonagricultural Wage and Salary Employment, 1988[a]

(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	70.0	68.5	68.6	68.9	69.3	69.7	70.0	70.7	70.9	71.0	70.4	71.0	71.3
Goods-Producing Industries	25.5	25.5	25.3	25.2	25.3	25.3	25.5	25.9	26.0	25.8	25.4	25.6	25.6
Construction and Mining	3.2	2.8	2.7	2.9	3.2	3.2	3.3	3.6	3.6	3.4	3.3	3.2	3.1
Manufacturing	22.3	22.7	22.6	22.4	22.1	22.0	22.1	22.3	22.4	22.4	22.2	22.4	22.5
Durable Goods[c]	16.7	17.0	16.9	16.9	16.7	16.7	16.7	16.6	16.6	16.6	16.4	16.7	16.7
Fabricated Metal Products	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5
Industrial Machinery and Equipment	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.8	3.8	3.7	3.7	3.7	3.8
Transportation Equipment	7.8	8.3	8.1	8.1	7.9	7.9	7.8	7.6	7.6	7.6	7.4	7.6	7.7
Motor Vehicles and Equipment	3.7	3.8	3.8	3.8	3.6	3.7	3.7	3.6	3.7	3.7	3.6	3.8	3.8
Nondurable Goods[d]	5.6	5.7	5.7	5.5	5.4	5.4	5.4	5.7	5.8	5.7	5.7	5.8	5.8
Food and Kindred Products	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
Rubber and Miscellaneous Plastics Products	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.9	1.8
Service-Producing Industries	44.5	43.0	43.3	43.7	44.1	44.4	44.6	44.8	44.9	45.2	45.0	45.4	45.7
Transportation and Public Utilities	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	2.9	2.9	2.9	2.9	2.9
Wholesale Trade	3.2	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4
Retail Trade	13.2	12.4	12.3	12.5	12.9	13.1	13.2	13.6	13.7	13.6	13.3	13.6	14.0
General Merchandise Stores	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.7	1.7	1.8	2.0
Finance, Insurance, and Real Estate	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Services	14.0	13.6	13.8	14.0	13.8	13.9	14.0	14.1	14.2	14.2	14.1	14.1	14.1
Health Services	6.0	5.9	5.9	5.9	6.0	5.9	6.0	6.0	6.1	6.1	6.1	6.1	6.2
Hospitals	3.0	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Government	9.2	9.2	9.4	9.4	9.4	9.4	9.2	8.9	8.8	9.3	9.3	9.4	9.4
Local Government	6.8	6.7	7.0	6.9	6.9	6.9	6.7	6.4	6.4	6.9	6.9	7.0	6.9
Local Government Education	3.9	3.9	4.1	4.0	4.0	4.0	3.7	3.3	3.3	4.0	4.0	4.2	4.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lima area is defined as Allen and Auglaize Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-10 (1988)

Lima MSA

Nonagricultural Wage and Salary Employment, 1979-1987[a]

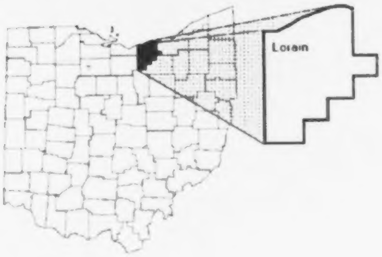
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	67.0	63.7	62.3	59.0	59.5	63.4	66.1	67.4	68.1
Goods-Producing Industries	28.6	25.7	24.2	22.2	22.2	24.3	25.0	25.6	25.3
Construction and Mining	3.4	2.9	2.7	2.6	2.4	2.8	2.8	2.7	2.7
Manufacturing	25.2	22.8	21.6	19.6	19.8	21.5	22.2	22.9	22.7
Durable Goods[c]	18.1	16.8	15.4	14.1	14.2	15.5	16.1	16.7	16.9
Fabricated Metal Products	2.1	1.8	2.0	1.9	2.2	2.3	2.2	2.2	2.5
Industrial Machinery and Equipment	4.0	3.9	3.5	2.9	2.7	3.3	3.5	3.4	3.5
Transportation Equipment	8.0	7.3	6.2	6.3	6.4	7.0	7.5	8.3	8.4
Motor Vehicles and Equipment	6.5	5.3	3.7	3.0	3.0	3.3	3.6	3.9	3.8
Nondurable Goods[d]	7.1	6.0	6.1	5.6	5.7	5.9	6.1	6.2	5.7
Food and Kindred Products	1.8	1.7	1.8	1.7	1.8	1.9	2.0	2.1	1.8
Rubber and Miscellaneous Plastics Products	2.1	1.6	1.6	1.4	1.4	1.5	1.6	1.6	1.7
Service-Producing Industries	38.3	38.0	38.1	36.7	37.3	39.1	41.1	41.8	42.8
Transportation and Public Utilities	3.0	2.8	2.8	2.7	2.6	2.7	2.9	2.8	2.9
Wholesale Trade	3.3	3.0	3.0	2.9	2.9	2.9	2.9	2.9	3.0
Retail Trade	10.8	10.7	10.4	9.9	10.2	10.8	11.8	12.2	12.5
General Merchandise Stores	2.0	2.0	1.8	1.7	1.7	1.9	1.8	1.8	1.7
Finance, Insurance, and Real Estate	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.1	2.0
Services	10.5	10.6	10.9	10.8	11.2	11.8	12.5	12.8	13.1
Health Services	4.6	4.9	5.0	5.0	5.1	5.2	5.3	5.7	5.9
Hospitals	2.5	2.7	2.7	2.8	2.8	2.7	2.7	2.8	2.9
Government	8.4	8.6	8.7	8.3	8.5	9.0	9.0	9.1	9.2
Local Government	6.4	6.6	6.8	6.4	6.6	6.9	6.9	6.9	6.9
Local Government Education	3.7	3.8	3.9	3.6	3.6	3.8	3.9	3.9	3.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lima area is defined as Allen and Auglaize Counties. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-10 (1979-1987)

Lorain-Elyria Primary Metropolitan Statistical Area



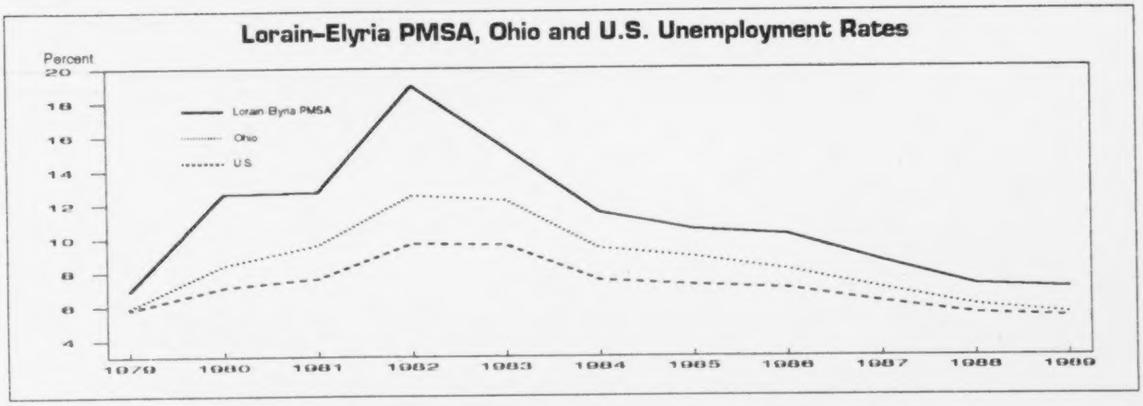
Based on place of residence, the estimated annual average civilian labor force in the Lorain-Elyria metropolitan area declined 100 from 1988 to 118,900 in 1989. Total employment, at 110,700, increased 300 over the year, while unemployment decreased 300. The unemployment rate dropped from 7.2 percent in 1988 to 7.0 percent in 1989. (See table below.)

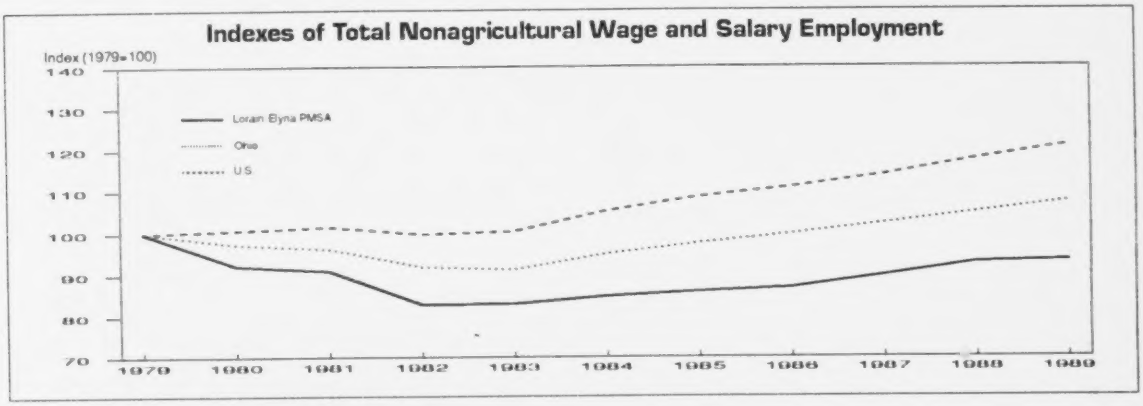
Nonagricultural wage and salary employment increased 300 above the 1988 level to 91,900 in 1989. Expansion in service-producing industries created 900 jobs, up 1.5 percent. Primary areas of improvement were services, especially health services, and retail trade. Nominal growth was registered in transportation and public utilities and in finance, insurance, and real estate. The number of employees in goods-producing industries declined 600 from the year-ago level to 32,300 mainly due to scattered decreases in durable-goods manufacturing. Significant production cutbacks in transportation equipment and a reduction in primary metal industries were partially offset by modest growth in fabricated metal products. Employment in construction and mining were little changed during the period.

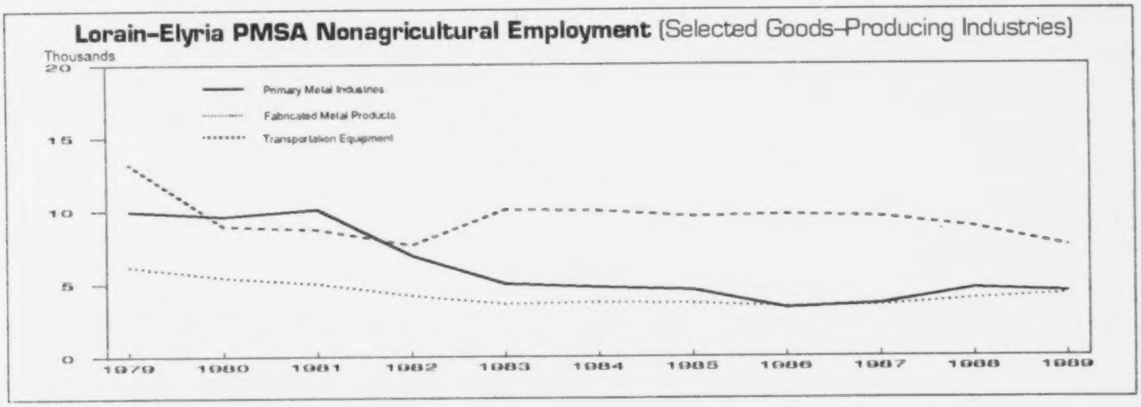
Lorain–Elyria PMSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

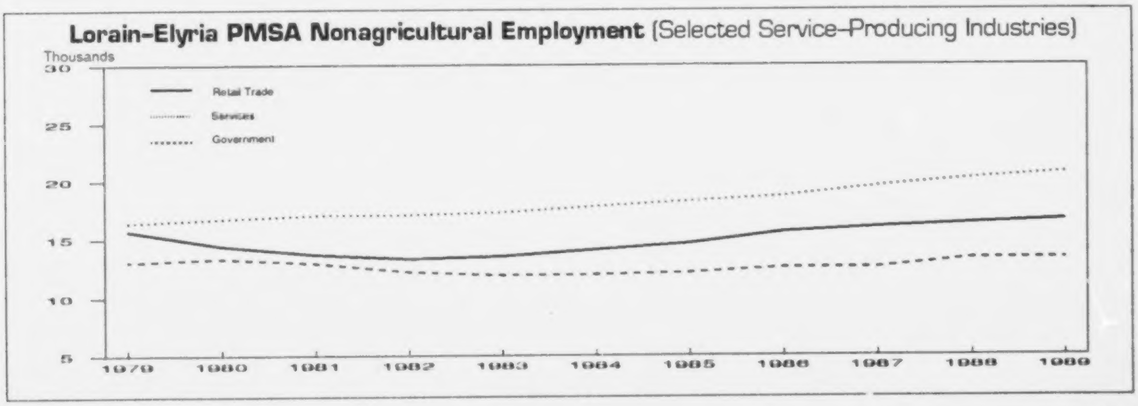
Civilian Labor Force							Nonagricultural Wage and Salary Employment		
	Employment								
		Unemployment						Goods-Producing Industries	Service-Producing Industries
			Unemployment Rates[b]						
			PMSA	Ohio	U.S.				
128.1	119.3	8.8	6.9	5.9	5.8	1979	98.4	44.8	53.7
127.5	111.4	16.1	12.6	8.4	7.1	1980	90.9	37.9	52.9
125.6	109.7	15.9	12.7	9.6	7.6	1981	89.5	37.8	51.8
126.0	102.1	24.0	19.0	12.5	9.7	1982	81.6	31.0	50.6
119.8	101.5	18.4	15.3	12.2	9.6	1983	81.7	31.0	50.7
116.1	102.7	13.4	11.5	9.4	7.5	1984	83.5	31.4	52.1
115.9	103.7	12.2	10.5	8.9	7.2	1985	84.5	31.0	53.5
118.3	106.2	12.1	10.2	8.1	7.0	1986	85.5	30.0	55.5
117.7	107.5	10.2	8.6	7.0	6.2	1987	88.4	31.2	57.2
119.0	110.4	8.6	7.2	6.0	5.5	1988	91.5	32.9	58.7
118.9	110.7	8.3	7.0	5.5	5.3	1989	91.9	32.3	59.6

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.


Lorain–Elyria PMSA, Ohio and U.S. Unemployment Rates


Indexes of Total Nonagricultural Wage and Salary Employment


Lorain–Elyria PMSA Nonagricultural Employment (Selected Goods–Producing Industries)


Lorain–Elyria PMSA Nonagricultural Employment (Selected Service–Producing Industries)

Lorain-Elyria PMSA

Nonagricultural Wage and Salary Employment, 1989[a]

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	91.9	90.6	90.8	91.8	93.2	93.9	94.2	92.6	92.6	90.1	90.5	91.6	90.4
Goods-Producing Industries	32.3	32.2	32.0	32.5	33.3	33.3	33.5	33.8	33.9	30.9	30.7	31.5	29.9
Construction and Mining	4.0	3.2	3.2	3.3	3.7	4.0	4.3	4.5	4.5	4.5	4.5	4.4	4.1
Manufacturing	28.3	29.0	28.8	29.2	29.6	29.3	29.2	29.3	29.4	26.5	26.2	27.2	25.8
Durable Goods[c]	23.7	24.5	24.3	24.6	25.0	24.6	24.6	24.7	24.8	21.8	21.6	22.5	21.2
Primary Metal Industries	4.4	4.5	4.5	4.5	4.7	4.3	4.2	4.4	4.4	4.4	4.4	4.2	4.2
Fabricated Metal Products	4.2	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
Transportation Equipment	7.5	8.6	8.3	8.5	8.6	8.5	8.4	8.4	8.3	5.5	5.3	6.5	5.3
Nondurable Goods[d]	4.6	4.5	4.6	4.6	4.6	4.7	4.6	4.6	4.6	4.7	4.7	4.7	4.6
Service-Producing Industries	59.6	58.4	58.8	59.3	59.8	60.6	60.7	58.8	58.8	59.2	59.8	60.1	60.5
Transportation and Public Utilities	3.3	3.1	3.1	3.2	3.1	3.2	3.2	3.2	3.3	3.3	3.4	3.5	3.5
Wholesale Trade	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4
Retail Trade	16.6	16.1	15.9	16.2	16.4	16.6	17.0	16.9	16.9	16.8	16.8	17.0	17.2
Finance, Insurance, and Real Estate	3.2	3.1	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Services	20.7	20.0	20.4	20.5	21.0	21.2	20.9	20.7	20.7	20.7	20.7	20.7	20.6
Health Services	8.4	8.3	8.3	8.3	8.4	8.5	8.4	8.4	8.4	8.4	8.4	8.5	8.5
Hospitals	4.1	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.1	4.1
Government	13.4	13.6	13.8	13.9	13.7	14.0	13.9	12.3	12.2	12.7	13.3	13.3	13.5
Local Government	11.4	11.8	12.0	12.0	11.9	12.0	11.9	10.3	10.1	10.7	11.3	11.4	11.5
Local Government Education	7.3	7.6	7.7	7.8	7.7	7.8	7.5	6.0	5.9	6.9	7.6	7.8	7.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lorain-Elyria area is defined as Lorain County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. [b] Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-11 (1989)

Lorain-Elyria PMSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$13.22	$13.50	$13.65	$13.79	$13.67	$13.23	$13.50	$13.20	$13.00	$12.66	$12.65	$12.73	$12.62
Durable Goods[b]	13.73	14.03	14.16	14.32	14.19	13.73	14.00	13.69	13.45	13.12	13.13	13.20	13.09
Primary Metal Industries	13.91	13.89	13.98	14.36	14.33	13.45	13.74	13.69	13.72	13.74	13.95	13.86	14.06
Fabricated Metal Products	9.87	10.17	10.05	9.90	9.87	9.77	9.83	9.85	9.68	9.94	9.67	9.72	9.90
Transportation Equipment	16.61	16.88	17.00	17.13	16.92	16.51	16.80	16.16	15.87	16.25	16.34	16.16	16.43
Nondurable Goods[c]	10.00	9.67	9.92	10.03	10.08	9.96	10.07	9.95	10.16	10.01	10.01	10.06	10.09
Wholesale Trade	9.44	9.68	9.28	9.40	9.38	9.41	9.44	9.31	9.42	9.52	9.47	9.48	9.48
Retail Trade[d]	6.15	6.08	6.18	6.13	6.12	6.06	6.13	6.08	6.09	6.22	6.18	6.24	6.28

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lorain-Elyria area is defined as Lorain County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision."

[b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries.

[c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products.

[d] Money payments only; tips not included.

[f] Depressed due to labor-management disputes during part of pay period.

[g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-11 (1989)

Lorain-Elyria PMSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	43.0	44.7	45.6	45.0	45.0	41.6	43.3	41.4	40.8	42.2	42.1	41.4	41.9
Durable Goods[b]	43.5	45.6	46.6	45.9	45.7	42.0	43.9	41.9	40.9	42.5	42.4	41.6	42.3
Primary Metal Industries	42.7	42.9	43.4	43.8	42.5	38.2	43.8	40.8	43.4	43.6	43.8	42.0	44.4
Fabricated Metal Products	44.1	46.8	46.1	44.1	43.7	42.9	43.3	43.1	43.3	46.0	42.8	43.3	44.0
Transportation Equipment	43.7	48.2	49.7	48.2	48.0	42.3	43.6	40.3	38.0	40.5	40.2	39.6	40.2
Nondurable Goods[c]	39.9	39.4	39.4	39.9	40.4	39.2	39.4	38.3	40.3	40.7	40.9	40.5	39.9
Wholesale Trade	38.4	38.4	38.0	38.5	38.6	38.6	38.3	38.9	38.5	38.5	38.3	38.0	37.9
Retail Trade	26.8	26.7	26.6	26.7	26.5	26.7	27.5	28.3	27.9	26.4	26.2	25.7	26.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lorain-Elyria area is defined as Lorain County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-11 (1989)

Lorain–Elyria PMSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$568.46	$603.45	$622.44	$620.55	$615.15	$550.37	$584.55	$546.48	$530.40	$534.25	$532.57	$527.02	$528.78
Durable Goods[b]	597.26	639.77	659.86	657.29	648.48	576.66	614.60	573.61	550.11	557.60	556.71	549.12	553.71
Primary Metal Industries	593.96	595.88	606.73	628.97	609.03	513.79	601.83	558.55	595.45	599.06	611.01	582.12	624.26
Fabricated Metal Products	435.27	475.96	463.31	436.59	431.32	419.13	425.64	424.54	419.14	457.24	413.88	420.88	435.60
Transportation Equipment	725.86	813.62	844.90	825.67	812.16	698.37	732.48	651.25	603.06	658.13	656.87	639.94	660.49
Nondurable Goods[c]	399.00	381.00	390.85	400.20	407.23	390.43	396.76	381.09	409.45	407.41	409.41	407.43	402.59
Wholesale Trade	362.50	371.71	352.64	361.90	362.07	363.23	361.55	362.16	362.67	366.52	362.70	360.24	359.29
Retail Trade[d]	164.82	162.34	164.39	163.67	162.18	161.80	168.58	172.06	169.91	164.21	161.92	160.37	163.91

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lorain-Elyria area is defined as Lorain County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-11 (1989)

Lorain–Elyria PMSA

Nonagricultural Wage and Salary Employment, 1988[a]
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	91.5	89.2	89.2	90.4	91.2	92.6	93.3	90.9	90.7	91.3	93.2	93.2	92.9
Goods–Producing Industries	32.9	31.9	31.9	32.5	32.5	33.0	33.5	33.3	33.3	32.2	33.6	33.3	33.2
Construction and Mining	4.0	3.4	3.1	3.4	3.8	4.1	4.4	4.5	4.6	4.5	4.4	4.3	4.1
Manufacturing	28.8	28.6	28.8	29.1	28.7	28.9	29.1	28.8	28.7	27.7	29.2	29.0	29.2
Durable Goods[c]	24.2	24.0	24.1	24.5	24.1	24.3	24.5	24.2	24.1	23.0	24.5	24.3	24.4
Primary Metal Industries	4.6	4.4	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.4	4.4
Fabricated Metal Products	3.9	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1
Transportation Equipment	8.8	9.4	9.4	9.5	9.2	9.2	9.0	8.5	8.3	7.3	8.6	8.6	8.6
Nondurable Goods[d]	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7
Service–Producing Industries	58.7	57.3	57.3	57.9	58.7	59.6	59.8	57.6	57.4	59.2	59.6	59.9	59.7
Transportation and Public Utilities	3.2	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.2	3.2
Wholesale Trade	2.5	2.5	2.5	2.5	2.4	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.6
Retail Trade	16.3	15.7	15.5	15.6	16.3	16.6	16.7	16.6	16.7	16.6	16.4	16.6	16.8
Finance, Insurance, and Real Estate	3.1	3.0	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Services	20.2	19.4	19.5	19.9	20.3	20.4	20.6	20.1	20.0	20.5	20.7	20.6	20.4
Health Services	8.2	8.1	8.1	8.1	8.1	8.1	8.3	8.3	8.2	8.2	8.3	8.3	8.3
Hospitals	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.0	4.0	3.9	4.0	4.0
Government	13.3	13.4	13.6	13.7	13.5	13.8	13.6	12.0	11.9	13.3	13.5	13.9	13.7
Local Government	11.6	11.7	11.9	12.0	11.8	12.1	11.9	10.2	10.0	11.4	11.7	12.0	11.9
Local Government Education	7.3	7.6	7.8	7.8	7.7	7.8	7.3	5.9	5.7	7.2	7.6	7.7	7.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lorain-Elyria area is defined as Lorain County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-11 (1988)

Lorain–Elyria PMSA

Nonagricultural Wage and Salary Employment, 1979–1987[a]

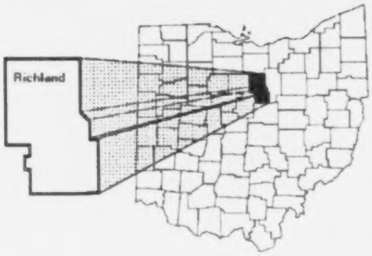
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	98.4	90.9	89.5	81.6	81.7	83.5	84.5	85.5	88.4
Goods-Producing Industries	44.8	37.9	37.8	31.0	31.0	31.4	31.0	30.0	31.2
Construction and Mining	4.3	3.5	3.3	2.4	2.4	2.5	2.7	3.1	3.7
Manufacturing	40.4	34.5	34.5	28.6	28.6	28.8	28.2	27.0	27.5
Durable Goods[c]	35.9	30.0	30.1	24.5	24.3	24.4	23.8	22.6	23.1
Primary Metal Industries	10.0	9.6	10.1	6.9	5.0	4.8	4.5	3.3	3.6
Fabricated Metal Products	6.2	5.4	5.0	4.2	3.6	3.7	3.6	3.4	3.5
Transportation Equipment	13.2	8.9	8.7	7.6	10.1	10.0	9.6	9.7	9.5
Nondurable Goods[d]	4.6	4.5	4.4	4.1	4.3	4.5	4.4	4.3	4.4
Service-Producing Industries	53.7	52.9	51.8	50.6	50.7	52.1	53.5	55.5	57.2
Transportation and Public Utilities	3.5	3.7	3.4	3.4	3.4	3.5	3.6	3.4	3.4
Wholesale Trade	1.9	1.7	1.8	1.9	1.8	2.0	2.1	2.3	2.7
Retail Trade	15.7	14.4	13.7	13.4	13.6	14.1	14.6	15.6	16.0
Finance, Insurance, and Real Estate	3.1	3.0	2.9	2.8	2.7	2.7	2.8	2.9	3.0
Services	16.4	16.7	17.0	17.1	17.3	17.8	18.2	18.7	19.5
Health Services	6.8	7.1	7.5	7.5	7.4	7.3	7.5	7.7	8.1
Hospitals	3.8	3.9	4.1	4.2	4.1	3.8	3.8	3.7	3.9
Government	13.1	13.3	13.0	12.2	11.9	12.0	12.1	12.5	12.6
Local Government	11.4	11.6	11.4	10.7	10.4	10.5	10.5	10.9	10.9
Local Government Education	7.2	7.4	7.3	7.0	6.8	7.0	7.0	7.3	7.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Lorain-Elyria area is defined as Lorain County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-11 (1979-1987)

Mansfield Metropolitan Statistical Area



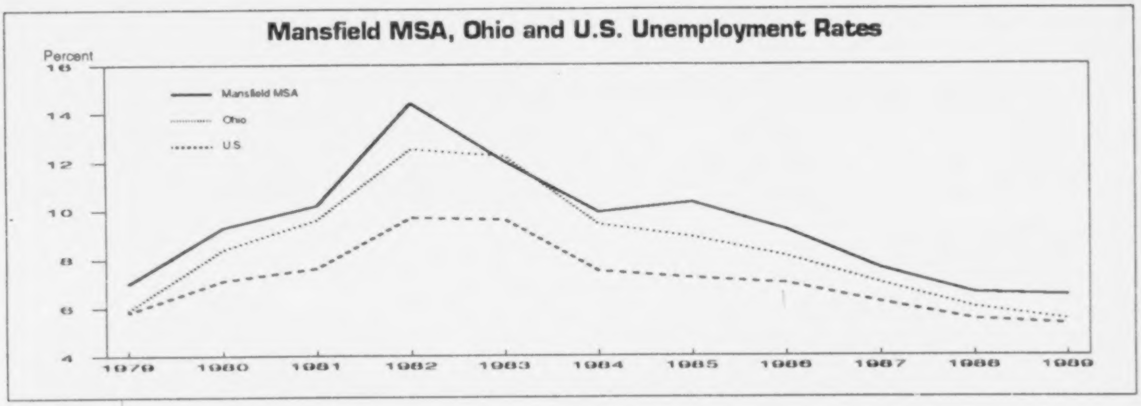
In the Mansfield metropolitan area, the estimated annual average civilian labor force, distributed by place of residence, advanced 1,500 from 1988 to 65,900 in 1989. Total employment gained 1,400 over the year, while unemployment increased 100. The unemployment rate dropped from 6.6 percent in 1988 to 6.5 percent in 1989. (See table below.)

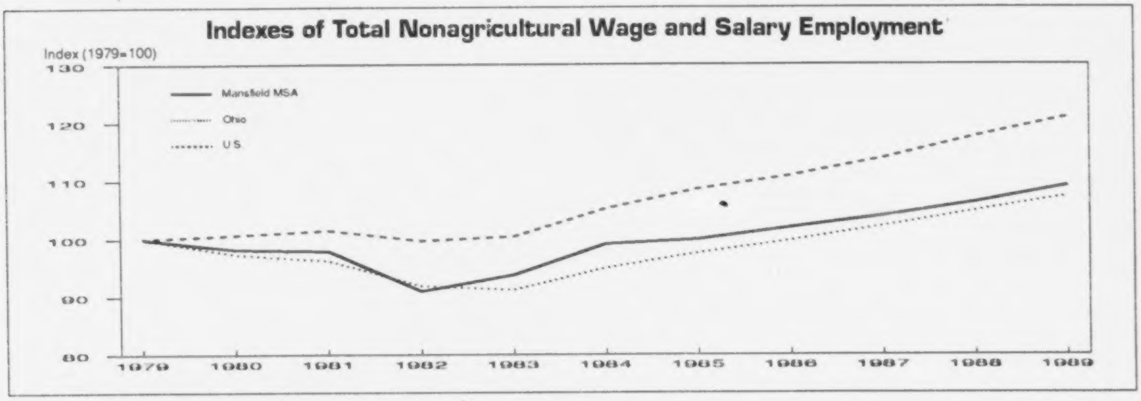
Nonagricultural wage and salary employment increased 1,600 above the 1988 level to 60,300 in 1989, a growth rate of 2.7 percent. The improvement was concentrated in the service-producing sector. Noteworthy expansion occurred in services (+900) and retail trade (+400). Nominal gains were registered in local government and in finance, insurance, and real estate. The number of jobs in goods-producing industries, at 21,200, was little changed over the year. Slight growth in construction and mining offset scattered declines in durable-goods manufacturing.

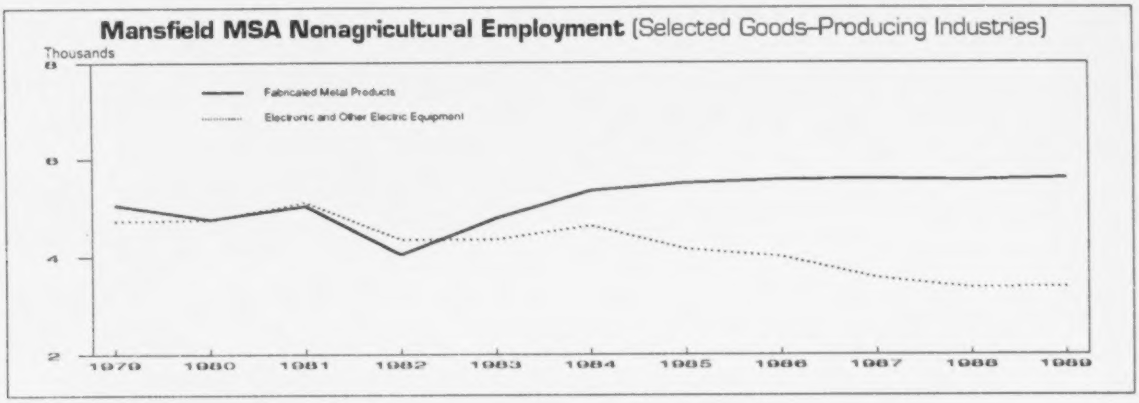
Mansfield MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

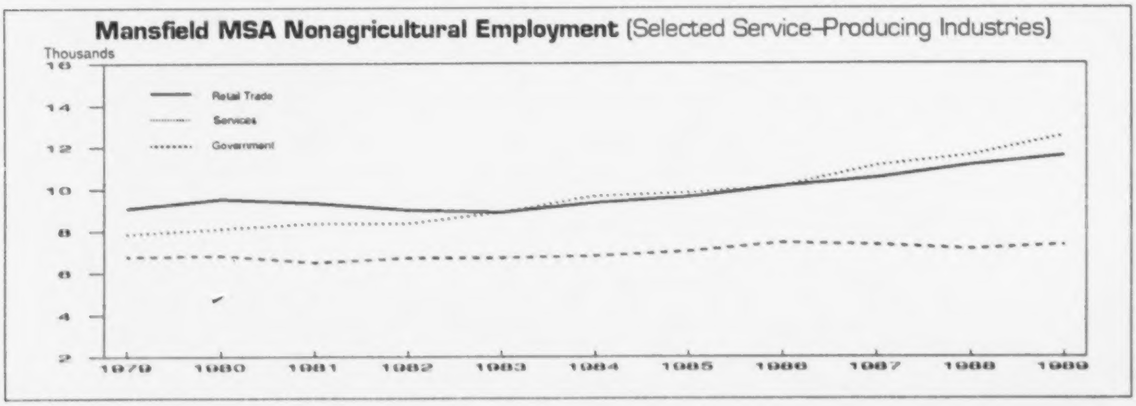
Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment		
			MSA	Ohio	U.S.			Goods-Producing Industries	Service-Producing Industries
60.5	56.3	4.2	7.0	5.9	5.8	1979	55.2	23.8	31.5
62.4	56.7	5.8	9.3	8.4	7.1	1980	54.2	22.4	31.8
63.0	56.6	6.5	10.2	9.6	7.6	1981	54.1	22.6	31.6
62.4	53.5	9.0	14.4	12.5	9.7	1982	50.3	19.1	31.2
62.7	55.2	7.5	12.0	12.2	9.6	1983	51.8	20.3	31.5
63.7	57.4	6.3	9.9	9.4	7.5	1984	54.8	21.9	32.9
63.9	57.3	6.6	10.3	8.9	7.2	1985	55.2	21.5	33.7
64.5	58.6	6.0	9.2	8.1	7.0	1986	56.4	21.2	35.1
64.0	59.1	4.8	7.6	7.0	6.2	1987	57.4	21.1	36.4
64.4	60.2	4.2	6.6	6.0	5.5	1988	58.7	21.3	37.5
65.9	61.6	4.3	6.5	5.5	5.3	1989	60.3	21.2	39.1

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.


Mansfield MSA, Ohio and U.S. Unemployment Rates


Indexes of Total Nonagricultural Wage and Salary Employment


Mansfield MSA Nonagricultural Employment (Selected Goods–Producing Industries)


Mansfield MSA Nonagricultural Employment (Selected Service–Producing Industries)

Mansfield MSA
Nonagricultural Wage and Salary Employment, 1989[a]
(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	60.3	58.9	59.2	59.7	60.3	61.0	61.0	60.8	60.2	61.0	60.6	60.2	60.8
Goods–Producing Industries	21.2	21.0	21.1	21.0	21.2	21.6	21.7	21.6	21.3	21.5	21.2	20.6	21.1
Construction and Mining	2.1	1.8	1.8	1.9	2.0	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.1
Manufacturing	19.1	19.2	19.3	19.1	19.3	19.4	19.5	19.4	19.0	19.3	19.0	18.4	19.0
Durable Goods[c]	17.1	17.2	17.3	17.1	17.2	17.4	17.5	17.3	16.9	17.2	16.9	16.4	17.0
Fabricated Metal Products	5.6	5.8	5.9	5.8	5.7	5.8	5.8	5.3	5.0	5.6	5.5	5.6	5.7
Electronic and Other Electric Equipment	3.4	3.3	3.3	3.2	3.3	3.3	3.3	3.6	3.6	3.6	3.4	3.4	3.3
Nondurable Goods[d]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0
Service–Producing Industries	39.1	37.9	38.1	38.7	39.1	39.3	39.3	39.1	38.9	39.5	39.5	39.6	39.7
Transportation and Public Utilities	3.0	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0
Wholesale Trade	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Retail Trade	11.6	10.9	10.8	11.0	11.5	11.5	11.8	11.7	11.8	11.8	11.7	11.9	12.2
Finance, Insurance, and Real Estate	2.5	2.5	2.4	2.5	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4
Services	12.5	12.3	12.4	12.7	12.6	12.6	12.5	12.5	12.4	12.7	12.6	12.5	12.5
Health Services	4.3	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.3	4.4	4.4	4.4	4.4
Government	7.3	7.2	7.4	7.4	7.4	7.5	7.4	7.1	6.9	7.2	7.5	7.5	7.4
Local Government	5.6	5.5	5.7	5.7	5.7	5.7	5.6	5.3	5.1	5.5	5.7	5.8	5.7
Local Government Education	3.8	3.8	4.0	4.0	3.9	4.0	3.8	3.6	3.4	3.7	4.0	4.0	3.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Mansfield area is defined as Richland County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-12 (1989)

Mansfield MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$13.12	$13.10	$13.01	$13.15	$13.20	$13.32	$13.30	$12.97	$12.80	$13.40	$12.96	$13.02	$13.22
Durable Goods[b]	13.69	13.65	13.57	13.70	13.79	13.88	13.89	13.63	13.39	14.01	13.52	13.55	13.73
Fabricated Metal Products	17.46	17.20	17.10	17.41	17.50	17.93	17.91	18.34	17.57	18.24	16.88	16.73	16.68
Electronic and Other Electric Equipment	10.88	10.84	10.84	10.87	10.88	10.94	10.95	10.93	10.95	10.74	10.90	10.90	10.86
Nondurable Goods[c]	8.05	8.08	7.98	8.13	7.76	8.04	8.01	7.54	7.78	7.86	8.05	8.59	8.79
Wholesale Trade	8.27	8.09	8.11	8.27	8.25	8.29	8.47	8.22	8.29	8.28	8.21	8.22	8.49
Retail Trade[d]	5.84	5.86	5.83	5.82	5.79	5.79	5.77	5.73	5.77	5.83	5.90	5.93	6.00

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Mansfield area is defined as Richland County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-4-12 (1989)

Mansfield MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.7	43.8	43.3	43.3	43.4	43.1	42.6	42.4	41.6	42.8	41.6	42.1	42.2
Durable Goods[b]	42.7	43.7	43.5	43.4	43.5	43.2	42.7	42.6	41.6	43.0	41.5	41.6	41.8
Fabricated Metal Products	44.3	45.6	44.9	45.7	46.3	44.9	44.3	45.3	41.0	47.6	41.7	41.9	41.9
Electronic and Other Electric Equipment	42.2	41.5	43.5	42.9	42.4	43.5	42.1	41.9	43.6	40.2	41.4	42.0	41.7
Nondurable Goods[c]	42.8	44.1	42.0	42.5	41.8	42.4	42.3	40.9	41.8	41.5	43.1	45.7	45.8
Wholesale Trade	39.9	39.6	39.6	40.6	41.1	40.8	40.0	40.0	39.9	40.0	39.4	38.8	38.9
Retail Trade	27.0	26.4	26.8	26.4	26.9	26.6	27.1	28.1	27.5	26.9	26.8	27.0	27.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Mansfield area is defined as Richland County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-12 (1989)

Mansfield MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$560.10	$573.78	$563.33	$569.40	$572.88	$574.09	$566.58	$549.93	$532.48	$573.52	$539.14	$548.14	$557.88
Durable Goods[b]	584.40	596.51	590.30	594.58	599.87	599.62	593.10	580.64	557.02	602.43	561.08	563.68	573.91
Fabricated Metal Products	773.30	784.32	767.79	795.64	810.25	805.06	793.41	830.80	720.37	868.22	703.90	700.99	698.89
Electronic and Other Electric Equipment	459.14	449.86	471.54	466.32	461.31	475.89	461.00	457.97	477.42	431.75	451.26	457.80	452.86
Nondurable Goods[c]	344.54	356.33	335.16	345.53	324.37	340.90	338.82	308.39	325.20	326.19	346.96	392.56	402.58
Wholesale Trade	329.97	320.36	321.16	335.76	339.08	338.23	338.80	328.80	330.77	331.20	323.47	318.94	330.26
Retail Trade[d]	157.68	154.70	156.24	153.65	155.75	154.01	156.37	161.01	158.68	156.83	158.12	160.11	163.80

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Mansfield area is defined as Richland County. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-12 (1989)

Mansfield MSA
Nonagricultural Wage and Salary Employment, 1988[a]
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	58.7	56.4	57.1	57.4	58.4	59.1	59.5	59.3	59.2	59.5	59.3	59.7	60.1
Goods–Producing Industries	21.3	20.2	20.7	20.9	21.3	21.5	21.7	21.7	21.5	21.6	21.2	21.3	21.4
Construction and Mining	2.0	1.8	1.6	1.7	1.9	2.0	2.1	2.3	2.3	2.3	2.2	2.2	2.2
Manufacturing	19.2	18.5	19.1	19.2	19.4	19.5	19.6	19.4	19.2	19.2	19.0	19.2	19.2
Durable Goods[c]	17.2	16.5	17.1	17.2	17.4	17.5	17.6	17.4	17.1	17.2	17.0	17.1	17.2
Fabricated Metal Products	5.6	5.0	5.5	5.5	5.6	5.6	5.6	5.5	5.6	5.7	5.7	5.7	5.8
Electronic and Other Electric Equipment	3.4	3.3	3.4	3.5	3.4	3.4	3.4	3.5	3.2	3.2	3.3	3.3	3.3
Nondurable Goods[d]	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0
Service–Producing Industries	37.5	36.2	36.4	36.5	37.1	37.6	37.8	37.6	37.7	37.9	38.0	38.3	38.7
Transportation and Public Utilities	3.0	2.9	2.9	2.9	3.0	3.1	3.0	3.2	3.2	3.1	3.0	3.0	3.0
Wholesale Trade	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.3
Retail Trade	11.1	10.4	10.4	10.6	11.0	11.1	11.4	11.3	11.4	11.3	11.3	11.5	11.7
Finance, Insurance, and Real Estate	2.4	2.4	2.3	2.3	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4
Services	11.6	11.2	11.3	11.3	11.4	11.5	11.7	11.7	11.7	11.8	11.8	11.8	12.0
Health Services	4.2	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Government	7.1	7.2	7.3	7.3	7.1	7.3	7.1	6.8	6.8	6.9	7.2	7.4	7.4
Local Government	5.4	5.4	5.5	5.6	5.4	5.5	5.3	5.0	5.0	5.2	5.5	5.6	5.6
Local Government Education	3.8	3.9	4.0	4.0	3.8	3.9	3.6	3.3	3.3	3.6	3.9	3.9	3.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Mansfield area is defined as Richland County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-12 (1988)

Mansfield MSA

Nonagricultural Wage and Salary Employment, 1979-1987[a]

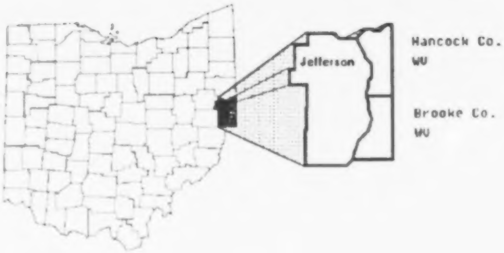
(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	55.2	54.2	54.1	50.3	51.8	54.8	55.2	56.4	57.4
Goods-Producing Industries	23.8	22.4	22.6	19.1	20.3	21.9	21.5	21.2	21.1
Construction and Mining	2.1	1.8	1.3	1.1	1.3	1.5	1.7	1.9	2.0
Manufacturing	21.7	20.6	21.2	18.0	19.0	20.4	19.9	19.3	19.1
Durable Goods[c]	19.5	18.5	19.2	16.1	17.0	18.3	17.8	17.3	17.1
Fabricated Metal Products	5.1	4.8	5.1	4.0	4.8	5.4	5.5	5.6	5.6
Electronic and Other Electric Equipment	4.7	4.8	5.1	4.4	4.4	4.6	4.2	4.0	3.6
Nondurable Goods[d]	2.2	2.1	2.0	1.8	2.0	2.1	2.0	2.0	2.0
Service-Producing Industries	31.5	31.8	31.6	31.2	31.5	32.9	33.7	35.1	36.4
Transportation and Public Utilities	3.5	3.3	3.3	3.1	2.9	2.9	2.8	2.9	2.9
Wholesale Trade	1.9	1.7	1.7	1.7	1.8	1.9	2.0	2.2	2.1
Retail Trade	9.1	9.5	9.3	9.0	8.9	9.3	9.6	10.1	10.5
Finance, Insurance, and Real Estate	2.3	2.3	2.4	2.3	2.3	2.3	2.4	2.3	2.3
Services	7.9	8.1	8.4	8.4	8.9	9.6	9.8	10.1	11.1
Health Services	3.1	3.3	3.4	3.5	3.7	3.7	3.8	3.8	4.1
Government	6.8	6.8	6.5	6.7	6.7	6.8	7.0	7.4	7.3
Local Government	5.3	5.3	4.9	5.1	5.2	5.2	5.4	5.8	5.6
Local Government Education	3.4	3.3	3.2	3.4	3.5	3.2	3.2	3.6	3.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Mansfield area is defined as Richland County. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-12 (1979-1987)

Steubenville-Weirton Metropolitan Statistical Area



The estimated annual average civilian labor force in the Steubenville-Weirton metropolitan area, distributed by place of residence, advanced 1,600 from 1988 to 56,500 in 1989. Total employment gained 2,100 jobs over the year to 52,800, while unemployment registered a decrease of 500. The unemployment rate dropped 1.2 points, from 7.7 percent in 1988 to 6.5 percent in 1989. (See table below.)

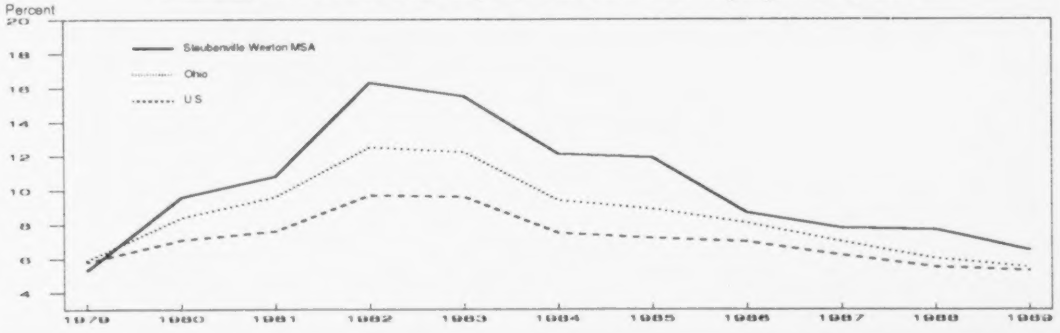
Nonagricultural wage and salary employment rose 2.3 percent, or 1,200, above the 1988 level to 51,700 in 1989. Improvements in service-producing industries contributed 75.0 percent of the gain. Leading areas of expansion were services (+500) and retail trade (+300). Modest growth was also posted in wholesale trade and in finance, insurance, and real estate. Increased production among manufacturers of durable goods and more business in construction raised employment in goods-producing industries 300 over the year to 20,100. The workforce in nondurable-goods manufacturing lost 200 jobs during the period.

Steubenville-Weirton MSA
Civilian Labor Force and Nonagricultural Wage and Salary Employment[a]
(Employed and Unemployed in Thousands)

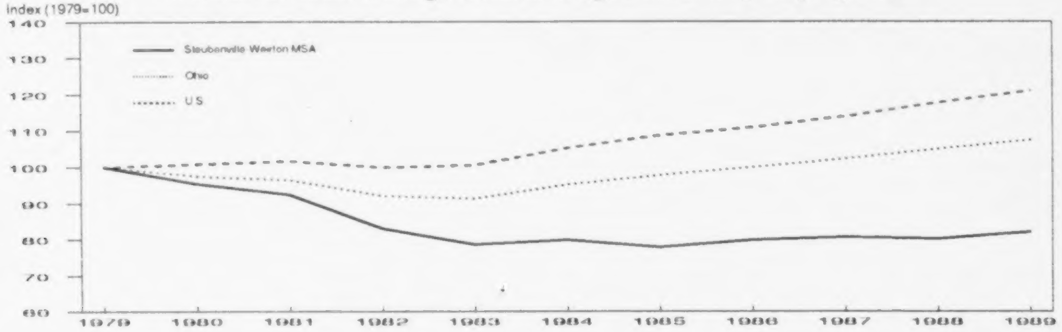
Civilian Labor Force	Employment	Unemployment	Unemployment Rates[b]				Nonagricultural Wage and Salary Employment	Goods-Producing Industries	Service-Producing Industries
			MSA	Ohio	U.S.				
66.9	63.3	3.5	5.3	5.9	5.8	1979	62.9	30.2	32.7
68.1	61.6	6.6	9.6	8.4	7.1	1980	60.0	27.5	32.5
66.2	59.0	7.2	10.8	9.6	7.6	1981	58.1	26.1	32.1
64.2	53.8	10.5	16.3	12.5	9.7	1982	52.3	21.7	30.6
59.9	50.6	9.3	15.5	12.2	9.6	1983	49.5	19.6	29.8
59.0	51.8	7.2	12.1	9.4	7.5	1984	50.3	20.5	29.8
58.0	51.1	6.9	11.9	8.9	7.2	1985	48.9	18.7	30.3
56.4	51.5	4.9	8.7	8.1	7.0	1986	50.3	20.0	30.3
56.5	52.0	4.4	7.8	7.0	6.2	1987	50.8	19.9	30.8
54.9	50.7	4.2	7.7	6.0	5.5	1988	50.5	19.8	30.7
56.5	52.8	3.7	6.5	5.5	5.3	1989	51.7	20.1	31.5

[a] Civilian labor force estimates are based on place of residence. Nonagricultural wage and salary employment estimates are based on place of work.
[b] Unemployment as percent of civilian labor force.

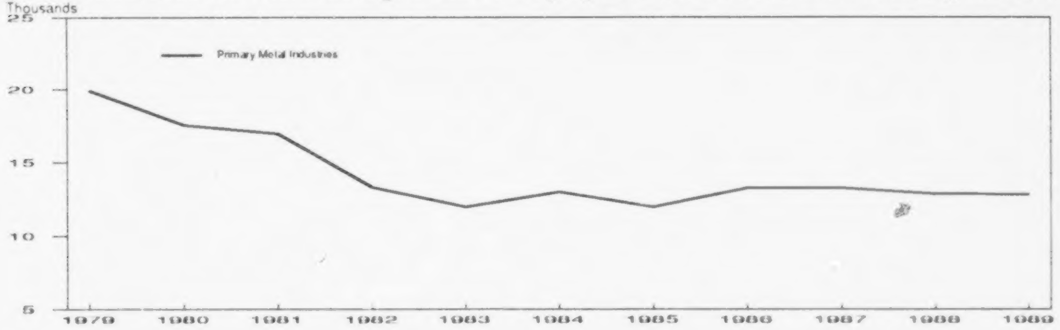
Steubenville-Weirton MSA, Ohio and U.S. Unemployment Rates



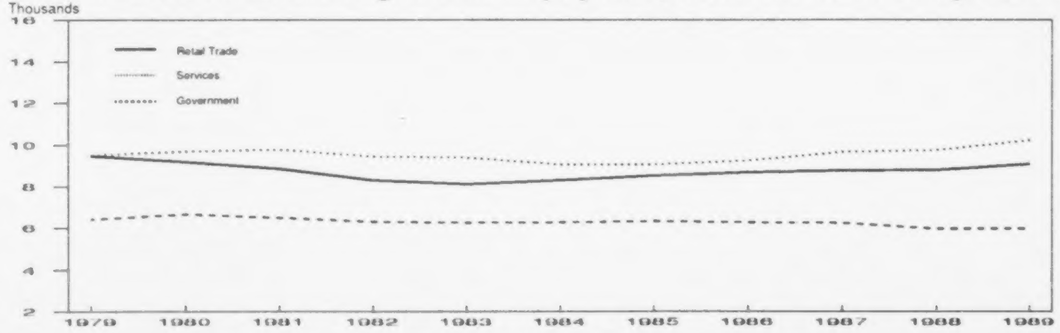
Indexes of Total Nonagricultural Wage and Salary Employment



Steubenville-Weirton MSA Nonagricultural Employment (Selected Goods-Producing Industries)



Steubenville-Weirton MSA Nonagricultural Employment (Selected Service-Producing Industries)



Steubenville-Weirton MSA

Nonagricultural Wage and Salary Employment, 1989[a]

(in thousands)

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	51.7	50.8	50.4	50.9	51.1	51.8	52.2	51.6	51.7	51.9	52.8	52.1	52.8
Goods-Producing Industries	20.1	20.1	19.8	19.8	19.8	19.9	20.3	20.4	20.4	20.6	20.5	19.9	19.9
Mining	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0
Construction	1.5	1.3	1.1	1.1	1.3	1.3	1.7	1.7	1.7	1.8	1.8	1.5	1.4
Manufacturing	17.7	17.9	17.8	17.7	17.6	17.7	17.7	17.9	17.8	17.8	17.8	17.4	17.6
Durable Goods[c]	16.1	16.3	16.2	16.1	16.0	16.2	16.1	16.3	16.1	16.2	16.2	15.9	16.1
Primary Metal Industries	12.8	12.9	12.8	12.7	12.7	12.8	12.9	13.0	12.9	13.0	12.9	12.5	12.7
Nondurable Goods[d]	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5
Service-Producing Industries	31.5	30.7	30.6	31.1	31.3	31.8	31.9	31.2	31.2	31.3	32.2	32.3	32.8
Transportation and Public Utilities	3.3	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.4	3.3	3.3	3.3	3.3
Wholesale Trade	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3
Retail Trade	9.1	8.7	8.7	8.7	8.8	9.1	9.1	9.0	9.1	9.2	9.3	9.4	9.7
General Merchandise Stores	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.8	1.9	2.0
Finance, Insurance, and Real Estate	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Services	10.2	9.8	9.6	10.0	10.2	10.3	10.5	10.1	10.0	10.3	10.6	10.6	10.8
Health Services	4.5	4.4	4.4	4.4	4.5	4.5	4.6	4.5	4.6	4.6	4.5	4.5	4.5
Hospitals	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.5	2.4	2.4	2.4	2.4
Government	6.0	6.0	6.1	6.2	6.2	6.2	6.1	5.7	5.7	5.6	5.9	5.9	6.1
Local Government	5.1	5.2	5.3	5.3	5.3	5.3	5.2	4.8	4.8	4.7	5.1	5.1	5.3
Local Government Education	3.2	3.3	3.4	3.4	3.4	3.4	3.3	2.9	2.9	2.9	3.3	3.3	3.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Steubenville-Weirton area is defined as Jefferson County, Ohio; Brooke and Hancock Counties, West Virginia. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [b] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-13 (1989)

Steubenville–Weirton MSA

Average Hourly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$11.73	$11.51	$11.46	$11.46	$11.53	$11.60	$11.68	$11.63	$11.88	$12.04	$11.94	$12.21	$11.79
Durable Goods[b]	12.05	11.82	11.77	11.80	11.87	11.93	12.00	11.94	12.21	12.34	12.27	12.49	12.11
Primary Metal Industries	12.47	12.18	12.18	12.20	12.27	12.31	12.38	12.32	12.62	12.77	12.71	12.99	12.60
Nondurable Goods[c]	5.91	5.63	5.64	5.73	5.60	5.81	5.78	6.00	6.16	6.01	6.02	6.21	6.25
Wholesale Trade	8.50	8.67	8.60	8.42	8.47	8.55	8.36	8.40	8.41	8.43	8.41	8.51	8.75
Retail Trade[d]	5.78	5.72	5.78	5.83	5.83	5.76	5.72	5.71	5.67	5.76	5.86	5.85	5.86

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Steubenville-Weirton area is defined as Jefferson County, Ohio; Brooke and Hancock Counties, West Virginia. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employement Services
Columbus 43216 4-5-90 RS-790-4-13 (1989)

Steubenville-Weirton MSA

Average Weekly Hours of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	42.9	41.1	40.5	41.6	42.3	42.7	43.5	43.0	43.1	44.2	43.5	45.3	44.1
Durable Goods[b]	44.1	42.4	41.7	42.6	43.4	44.0	44.9	44.3	44.5	45.6	44.7	46.4	44.8
Primary Metal Industries	44.8	43.1	42.5	42.6	43.8	44.8	45.6	45.0	45.2	46.5	45.4	47.6	45.9
Nondurable Goods[c]	28.7	26.2	25.7	29.5	29.0	28.2	27.9	28.2	28.4	26.8	29.3	31.1	34.9
Wholesale Trade	38.5	37.5	38.4	38.0	38.4	38.2	38.2	38.5	39.1	38.9	38.4	39.2	39.0
Retail Trade	28.4	27.8	27.8	27.9	28.8	29.0	29.0	29.0	28.9	27.8	28.2	28.0	28.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Steubenville-Weirton area is defined as Jefferson County, Ohio; Brooke and Hancock Counties, West Virginia. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-3-13 (1989)

Steubenville-Weirton MSA

Average Weekly Earnings of Production or Nonsupervisory Workers, 1989[a]

Industry	1989 Average	January	February	March	April	May	June	July	August	September	October	November	December
Manufacturing	$503.22	$473.06	$464.13	$476.74	$487.72	$495.32	$508.08	$500.09	$512.03	$532.17	$519.39	$553.11	$519.94
Durable Goods[b]	531.41	501.17	490.81	502.68	515.16	524.92	538.80	528.94	543.35	562.70	548.47	579.54	542.53
Primary Metal Industries	558.66	524.96	517.65	519.72	537.43	551.49	564.53	554.40	570.42	593.81	577.03	618.32	578.34
Nondurable Goods[c]	169.62	147.51	144.95	169.04	162.40	163.84	161.26	169.20	174.94	161.07	176.39	193.13	218.13
Wholesale Trade	327.25	325.13	330.24	319.96	325.25	326.61	319.35	323.40	328.83	327.93	322.94	333.59	341.25
Retail Trade[d]	164.15	159.02	160.68	162.66	167.90	167.04	165.88	165.59	163.86	160.13	165.25	163.80	165.25

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Steubenville-Weirton area is defined as Jefferson County, Ohio; Brooke and Hancock Counties, West Virginia. Data relate to full- and part-time production workers in goods-producing industries and nonsupervisory employees in service-producing industries employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [c] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [d] Money payments only; tips not included. [f] Depressed due to labor-management disputes during part of pay period. [g] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-2-13 (1989)

Steubenville-Weirton MSA

Nonagricultural Wage and Salary Employment, 1988[a]
(in thousands)

Industry	1988 Average	January	February	March	April	May	June	July	August	September	October	November	December
Total	50.5	48.9	49.0	49.6	50.4	50.6	51.2	50.5	50.7	50.9	51.4	51.4	51.3
Goods–Producing Industries	19.8	19.4	19.3	19.4	19.4	19.4	19.8	20.1	20.2	20.5	20.4	20.2	20.0
Mining	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Construction	1.3	.9	1.0	1.1	1.1	1.2	1.4	1.5	1.5	1.8	1.8	1.5	1.3
Manufacturing	17.5	17.5	17.4	17.4	17.2	17.2	17.4	17.6	17.7	17.7	17.6	17.8	17.8
Durable Goods[c]	15.8	15.8	15.7	15.7	15.5	15.5	15.6	15.8	15.9	15.9	15.9	16.0	16.1
Primary Metal Industries	12.9	13.0	12.9	12.9	12.8	12.7	12.9	12.9	12.9	12.9	12.8	12.9	12.9
Nondurable Goods[d]	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
Service–Producing Industries	30.7	29.5	29.8	30.2	31.1	31.2	31.4	30.4	30.4	30.4	31.0	31.2	31.2
Transportation and Public Utilities	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.3	3.3	3.3	3.2	3.2
Wholesale Trade	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.3	1.3
Retail Trade	8.8	8.3	8.2	8.4	8.8	9.0	9.0	8.8	9.0	9.0	9.0	9.0	9.2
General Merchandise Stores	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.7	1.7
Finance, Insurance, and Real Estate	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
Services	9.7	9.1	9.3	9.5	9.9	10.0	10.1	9.8	9.8	9.5	9.9	10.0	9.9
Health Services	4.4	4.2	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.4	4.4	4.4	4.4
Hospitals	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4
Government	6.0	6.1	6.2	6.3	6.2	6.1	6.1	5.5	5.5	5.7	6.0	6.1	6.1
Local Government	5.1	5.3	5.4	5.4	5.4	5.3	5.2	4.6	4.6	4.8	5.1	5.2	5.2
Local Government Education	3.2	3.3	3.4	3.4	3.4	3.4	3.4	2.8	2.8	3.0	3.2	3.3	3.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Steubenville-Weirton area is defined as Jefferson County, Ohio; Brooke and Hancock Counties, West Virginia. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-13 (1988)

Steubenville–Weirton MSA

Nonagricultural Wage and Salary Employment, 1979–1987[a]

(in thousands)

Industry	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	62.9	60.0	58.1	52.3	49.5	50.3	48.9	50.3	50.8
Goods–Producing Industries	30.2	27.5	26.1	21.7	19.6	20.5	18.7	20.0	19.9
Mining	1.3	1.1	.9	1.0	1.2	1.2	1.2	1.2	1.1
Construction	2.3	2.4	2.0	2.5	1.6	1.6	1.4	1.3	1.3
Manufacturing	26.7	24.0	23.2	18.3	16.8	17.6	16.1	17.5	17.6
Durable Goods[c]	24.2	21.7	20.8	16.2	14.9	15.7	14.3	15.8	15.9
Primary Metal Industries	19.9	17.6	17.0	13.3	12.0	13.0	11.9	13.3	13.3
Nondurable Goods[d]	2.5	2.3	2.4	2.1	1.9	1.9	1.7	1.7	1.7
Service–Producing Industries	32.7	32.5	32.1	30.6	29.8	29.8	30.3	30.3	30.8
Transportation and Public Utilities	4.3	4.2	4.2	4.0	3.6	3.6	3.5	3.3	3.3
Wholesale Trade	1.5	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.2
Retail Trade	9.5	9.2	8.9	8.3	8.1	8.3	8.5	8.7	8.8
General Merchandise Stores	1.8	1.6	1.4	1.3	1.4	1.4	1.4	1.4	1.4
Finance, Insurance, and Real Estate	1.6	1.6	1.6	1.4	1.4	1.5	1.6	1.6	1.7
Services	9.5	9.7	9.8	9.4	9.4	9.1	9.1	9.2	9.7
Health Services	3.9	4.1	4.2	4.2	4.2	4.0	3.9	4.0	4.3
Hospitals	2.5	2.7	2.7	2.8	2.7	2.4	2.3	2.2	2.3
Government	6.4	6.7	6.5	6.3	6.3	6.3	6.3	6.3	6.2
Local Government	5.7	5.8	5.6	5.5	5.4	5.5	5.5	5.4	5.4
Local Government Education	3.5	3.6	3.3	3.3	3.3	3.3	3.4	3.3	3.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Steubenville-Weirton area is defined as Jefferson County, Ohio; Brooke and Hancock Counties, West Virginia. Based on March 1989 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1987 Revision." [c] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products; industrial machinery and equipment; electronic and other electric equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [d] Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [f] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-90 RS-790-1-13 (1979-1987)

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	42	.2
Goods-Producing Industries	51	.4
Mining	52	1.4
Construction	19	1.4
Manufacturing	57	.4
Service-Producing Industries	38	.2
Transportation and Public Utilities	45	.3
Wholesale Trade	22	.3
Retail Trade	21	.4
Finance, Insurance, and Real Estate	43	.3
Services	34	.3
Government	71	.3

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1989 benchmark. Employment data for 1989 will be revised at the next benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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